Volume:
1998
Spring Semester
2nd Edition

UNIVERSITY OF MARYLAND

SCHEDULE OF CLASSES

SPRING 1998 - SECOND EDITION

UPUB S1.001

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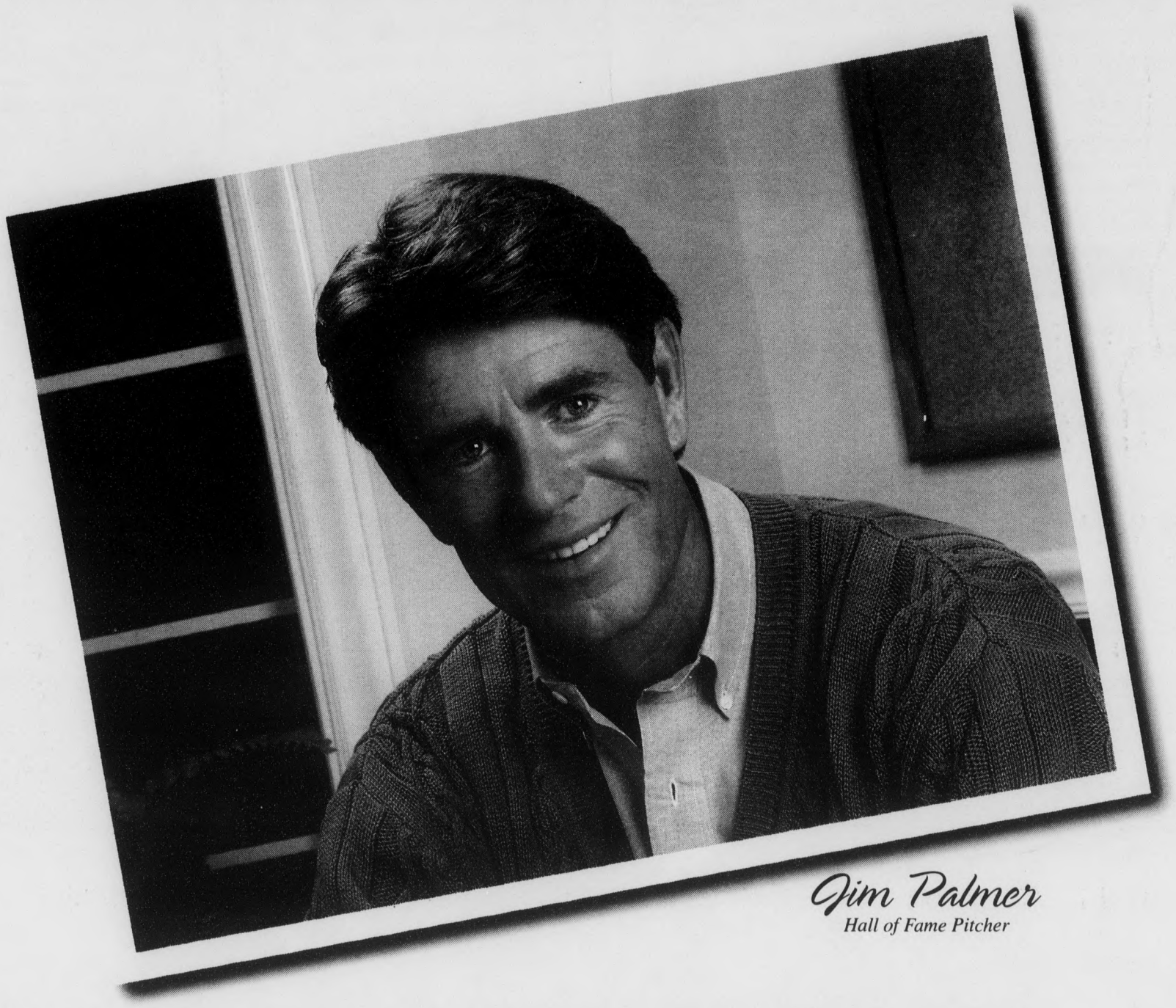

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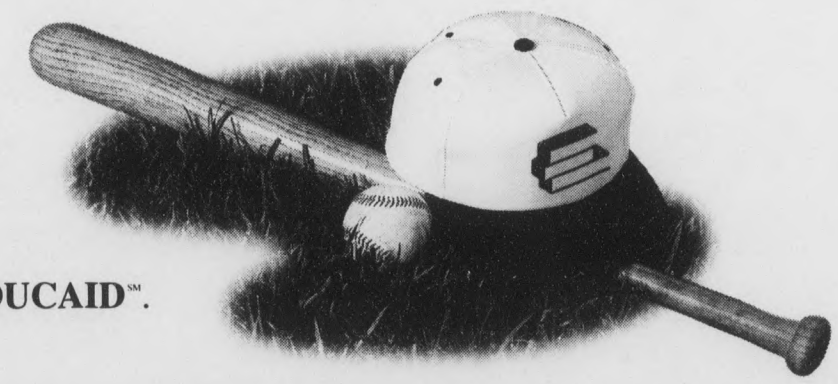

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PC# 003001

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www.testudo.umd.edu - the site for many student services AND the most up-to-date course information .

MARS Kiosks are conveniently located around campus and offer a wide variety of University services. Open late every night!

Call MARS to register for your Campus Parking Permit.

Use Testudo for Drop & Add and Waitlist Check-In www.testudo.umd.edu

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The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

REGISTRATION & SCHEDULE ADJUSTMENT

Office of the Registrar
First floor Mitchell Building
Information: 301-314-8240
Testudo Student Services: www.testudo.umd.edu
MARS - Maryland Automated Registration System:
301-403-0500 TTY: 301-314-7816

SPRING 1998
Registration & Schedule Adjustment

Currently enrolled, as well as newly admitted, readmitted and reinstated students can register or adjust their schedule for the Spring 1998 semester. Most students can choose from a variety of convenient registration services. There's interactive drop/add on the Testudo web site and MARS, the Maryland Automated Registration System, as well as MARS Kiosks and walk-in registration. See Step 1 below for services, dates, times and locations. Also read Step 2 - 6 for other important registration information.

Some students have mandatory advising and other requirements that must be met before registering. If you are a new admit be sure to first read the information below. Reinstated students, athletes, IED and IA students, those on academic warning or dismissal, as well as other students, must meet with an advisor before registering or dropping and adding courses. See Steps 2 and 3 below for specific instructions.

Newly Admitted Students: New students must attend an Orientation program where they will be advised, then register for Spring courses. Call the Orientation Office at 301-314-8217 to sign up for an Orientation session. Note that the University of Maryland requires all new students to provide documentation of measles, mumps and rubella, and tetanus/diphtheria. It is the student's responsibility to provide information to the University Health Center prior to the beginning of the semester. This requirement is mandatory. Newly admitted students who miss Orientation will not be permitted to register until January 27, 1998. All newly admitted students must meet with an advisor prior to registration. Contact the undergraduate advising office in your college for advisor assignment and appointment. After advising you can register beginning January 27, 1998 using any of the registration services in Step 1.

Graduate Students: See step 1 for Registration and Schedule Adjustment dates, times and services. Page 7 outlines graduate student registration and academic information, as well as graduate student deadlines.

STEP 1. USE ONE OF THE SERVICES BELOW FOR REGISTRATION, SCHEDULE ADJUSTMENT & WAITLIST CHECK-IN

Registration and Drop/Add

❑ **Testudo - Interactive Student Services on the Web**: www.testudo.umd.edu. Use Testudo for schedule adjustment at your convenience. Select Records and Registrations link for a list of services.

❑ **Call MARS** - the Maryland Automated Registration System at 301-403-0500 during the hours listed (see pages 9 - 11 for MARS instructions)
Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
Sunday ..... 5:00 p.m. - 11:00 p.m.

❑ **Walk - In Registration and Schedule Adjustment**
Monday - Friday ..... 9:00 - 11:30 a.m.; 1:00 - 4:30 p.m.
Now through January 23rd ..... Student Services, Room 1101 Mitchell Bldg.
January 26th through 29th ..... Main floor, Reckord Armory
January 30th through February 9th ..... Student Services, Room 1101 Mitchell Bldg.

❑ **MARS Kiosks.** Located in the Mitchell Building, Ellicott Dining Hall, the Stamp Union and Van Munching Hall. Use Kiosks for a variety of services including drop/add and waitlist check-in. Kiosks are open daily from 7:30 a.m. to 11:30 p.m.

MESSAGE BOARD

New Ways to get your Grades!
Find out your Fall 1997 grades faster - use MARS, the Web, or a Kiosk. Just use your Student ID Number and PIN, and as soon as your grades are processed,they will be available electronically. Information is updated daily. Grade Point Averages will be calculated in early January 1998 after all final grades have been posted.

Note, we won't be mailing grade reports any longer, but Official Transcripts are always available free of charge. See page 30, Transcript Services, for details.

Waitlist Check - In (see page 10 for waitlist information)

If you are on the waitlist for a course you must check-in on the first day of classes, January 27th, the mandatory check-in date. If you are still on the waitlist after mandatory check-in you must then call daily during regular check-in, beginning January 28th, to remain on the waitlist. Waitlist check-in is available through Testudo, MARS, MARS Kiosks and walk-in services. Remember you must first check-in on the first day of classes, and then daily to remain on the waitlist.

Testudo Waitlist Check-In. www.testudo.umd.edu. Now through February 10th select the Records and Registration link from the main menu, then Waitlist Check-In.

MARS Waitlist Check-In. Call MARS at 301-403-0500 now through February 10th.
Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
Sunday ..... 5:00 p.m. - 11:00 p.m.

Walk - In Waitlist Check-In
Monday - Friday ..... 8:45 - 11:45 a.m.; 1:00 - 4:15 p.m.
January 26th through 29th ..... Main floor, Reckord Armory
January 30th through February 10th ..... Student Services, Room 1101 Mitchell Bldg.

Notes:- The Schedule Adjustment Period ends February 9, 1998 at 4:30 p.m.
- The University will be closed January 19th for the Martin Luther King Jr. Holiday

STEP 2: CHECK REGISTRATION BLOCKS:

Use MARS, Testudo (www.testudo.umd.edu) or a MARS Kiosk to find out if you have any advising requirements or outstanding financial or academic blocks. Note - all blocks must be cleared before registering.

If calling MARS (301-403-0500) select 1 for Registration Activities, then 6 for Registration and Appointment Status. At MARS Kiosks select Registration Blocks option.

STEP 3: MAKE ADVISING APPOINTMENT IF NECESSARY AND RESOLVE ANY BLOCKS:

Advising is required for some students, and highly recommended for all students. Advising is mandatory prior to registering for students in certain majors, students on academic warning or dismissal, student athletes, IED students, IA students and students who still need to fulfill fundamental studies requirements. (Check appointment status - see Step 2). Set up an appointment to see an advisor as soon as possible. A list of advisors begins on page 32. Advising blocks must be cleared before registering.

Registration Blocks - if you have any registration blocks, they must be resolved before your registration appointment. Students owing money to the University are not eligible to register until they clear their accounts. Contact the Office of the Bursar, Room 1135 Lee Building, 301-405-9041.

Fundamental Studies Blocks: Students who have completed 30 credits, but not yet satisfied the Fundamental Math and English requirements should contact their college office to discuss a temporary extension. Students registering for the required course in lieu of requesting a waiver must register in person.

STEP 4: CHECK ON COURSE AVAILABILITY

Is the course open? Don't wait until you are ready to register to find out. Use one of the services below to check on course availability.

❑ **VENUS** - an easy-to-use, but powerful course scheduler on the web. Access VENUS through www.testudo.umd.edu and select Records and Registrations.

❑ **MARS Section Status** - call MARS at 301-403-0500, select registration activities, then section status.

❑ **Schedule of Classes** on the web for up-to-the minute course and waitlist data. www.testudo.umd.edu. Select Records and Registration, Schedule of Classes, then semester.

❑ **SEATS** - another course planning tool that can accessed through the campus network - UMDNET. Select SEATS from the menu options at any campus WAM labs, or dial in remotely using telnet seats. umd.edu.

Select alternative courses and sections. Read course listings carefully and pay special attention to note lines associated with each course for pre-requisites and restrictions.

STEP 5: OBTAIN SPECIAL PERMISSIONS

Some courses may have specific requirements, pre-requisites or require special permission. All special permission and advising requirements must be met before registering. Colleges and departments can use the Electronic Stamp (see next page) to grant special permissions electronically, however, after receiving permission, you must still process a registration for the course either by calling MARS, using Testudo, or in-person.

Course restrictions - are listed with the individual course listing (in this Schedule of Classes and on Testudo). Some courses are open to majors only, others have GPA or cumulative credit requirements. Courses with Perm Req to the left of the course listing require permission from the department offering the course prior to registering.

Actions requiring College approval - Exceptions to any of the restrictions listed below require college approval prior to registering. Remember to register for the course after obtaining any special permission.

Continued on page 6

INTENTIONAL SECOND EXPOSURE

4 INTRODUCTION

January

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Currently enrolled, as well as newly admitted, readmitted and reinstated students can register or adjust their schedule for the Spring 1998 semester. Most students can choose from a variety of convenient registration services. There's interactive drop/add on the Testudo web site and MARS, the Maryland Automated Registration System, as well as MARS Kiosks and walk-in registration. See Step 1 below for services, dates, times and locations. Also read Step 2 - 6 for other important registration information.

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Newly Admitted Students: New students must attend an Orientation program where they will be advised, then register for Spring courses. Call the Orientation Office at 301-314-8217 to sign up for an Orientation session. Note that the University of Maryland requires all new students to provide documentation of measles, mumps and rubella, and tetanus/diphtheria. It is the student's responsibility to provide information to the University Health Center prior to the beginning of the semester. This requirement is mandatory. Newly admitted students who miss Orientation will not be permitted to register until January 27, 1998. All newly admitted students must meet with an advisor prior to registration. Contact the undergraduate advising office in your college for advisor assignment and appointment. After advising you can register beginning January 27, 1998 using any of the registration services in Step 1.

Graduate Students: See step 1 for Registration and Schedule Adjustment dates, times and services. Page 7 outlines graduate student registration and academic information, as well as graduate student deadlines.

STEP 1. USE ONE OF THE SERVICES BELOW FOR REGISTRATION, SCHEDULE ADJUSTMENT & WAITLIST CHECK-IN

Registration and Drop/Add

❑ **Testudo - Interactive Student Services on the Web**: www.testudo.umd.edu. Use Testudo for schedule adjustment at your convenience. Select Records and Registrations link for a list of services.

❑ **Call MARS** - the Maryland Automated Registration System at 301-403-0500 during the hours listed (see pages 9 - 11 for MARS instructions)
Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
Sunday ..... 5:00 p.m. - 11:00 p.m.

❑ **Walk - In Registration and Schedule Adjustment**
Monday - Friday ..... 9:00 - 11:30 a.m.; 1:00 - 4:30 p.m.
Now through January 23rd ..... Student Services, Room 1101 Mitchell Bldg.
January 26th through 29th ..... Main floor, Reckord Armory
January 30th through February 9th ..... Student Services, Room 1101 Mitchell Bldg.

❑ **MARS Kiosks.** Located in the Mitchell Building, Ellicott Dining Hall, the Stamp Union and Van Munching Hall. Use Kiosks for a variety of services including drop/add and waitlist check-in. Kiosks are open daily from 7:30 a.m. to 11:30 p.m.

MESSAGE BOARD

New Ways to get your Grades!
Find out your Fall 1997 grades faster - use MARS, the Web, or a Kiosk. Just use your Student ID Number and PIN, and as soon as your grades are processed,they will be available electronically. Information is updated daily. Grade Point Averages will be calculated in early January 1998 after all final grades have been posted.

Note, we won't be mailing grade reports any longer, but Official Transcripts are always available free of charge. See page 30, Transcript Services, for details.

Waitlist Check - In (see page 10 for waitlist information)

If you are on the waitlist for a course you must check-in on the first day of classes, January 27th, the mandatory check-in date. If you are still on the waitlist after mandatory check-in you must then call daily during regular check-in, beginning January 28th, to remain on the waitlist. Waitlist check-in is available through Testudo, MARS, MARS Kiosks and walk-in services. Remember you must first check-in on the first day of classes, and then daily to remain on the waitlist.

Testudo Waitlist Check-In. www.testudo.umd.edu. Now through February 10th select the Records and Registration link from the main menu, then Waitlist Check-In.

MARS Waitlist Check-In. Call MARS at 301-403-0500 now through February 10th.
Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
Sunday ..... 5:00 p.m. - 11:00 p.m.

Walk - In Waitlist Check-In
Monday - Friday ..... 8:45 - 11:45 a.m.; 1:00 - 4:15 p.m.
January 26th through 29th ..... Main floor, Reckord Armory
January 30th through February 10th ..... Student Services, Room 1101 Mitchell Bldg.

Notes:- The Schedule Adjustment Period ends February 9, 1998 at 4:30 p.m.
- The University will be closed January 19th for the Martin Luther King Jr. Holiday

STEP 2: CHECK REGISTRATION BLOCKS:

Use MARS, Testudo (www.testudo.umd.edu) or a MARS Kiosk to find out if you have any advising requirements or outstanding financial or academic blocks. Note - all blocks must be cleared before registering.

If calling MARS (301-403-0500) select 1 for Registration Activities, then 6 for Registration and Appointment Status. At MARS Kiosks select Registration Blocks option.

STEP 3: MAKE ADVISING APPOINTMENT IF NECESSARY AND RESOLVE ANY BLOCKS:

Advising is required for some students, and highly recommended for all students. Advising is mandatory prior to registering for students in certain majors, students on academic warning or dismissal, student athletes, IED students, IA students and students who still need to fulfill fundamental studies requirements. (Check appointment status - see Step 2). Set up an appointment to see an advisor as soon as possible. A list of advisors begins on page 32. Advising blocks must be cleared before registering.

Registration Blocks - if you have any registration blocks, they must be resolved before your registration appointment. Students owing money to the University are not eligible to register until they clear their accounts. Contact the Office of the Bursar, Room 1135 Lee Building, 301-405-9041.

Fundamental Studies Blocks: Students who have completed 30 credits, but not yet satisfied the Fundamental Math and English requirements should contact their college office to discuss a temporary extension. Students registering for the required course in lieu of requesting a waiver must register in person.

STEP 4: CHECK ON COURSE AVAILABILITY

Is the course open? Don't wait until you are ready to register to find out. Use one of the services below to check on course availability.

❑ **VENUS** - an easy-to-use, but powerful course scheduler on the web. Access VENUS through www.testudo.umd.edu and select Records and Registrations.

❑ **MARS Section Status** - call MARS at 301-403-0500, select registration activities, then section status.

❑ **Schedule of Classes** on the web for up-to-the minute course and waitlist data. www.testudo.umd.edu. Select Records and Registration, Schedule of Classes, then semester.

❑ **SEATS** - another course planning tool that can accessed through the campus network - UMDNET. Select SEATS from the menu options at any campus WAM labs, or dial in remotely using telnet seats. umd.edu.

Select alternative courses and sections. Read course listings carefully and pay special attention to note lines associated with each course for pre-requisites and restrictions.

STEP 5: OBTAIN SPECIAL PERMISSIONS

Some courses may have specific requirements, pre-requisites or require special permission. All special permission and advising requirements must be met before registering. Colleges and departments can use the Electronic Stamp (see next page) to grant special permissions electronically, however, after receiving permission, you must still process a registration for the course either by calling MARS, using Testudo, or in-person.

Course restrictions - are listed with the individual course listing (in this Schedule of Classes and on Testudo). Some courses are open to majors only, others have GPA or cumulative credit requirements. Courses with Perm Req to the left of the course listing require permission from the department offering the course prior to registering.

Actions requiring College approval - Exceptions to any of the restrictions listed below require college approval prior to registering. Remember to register for the course after obtaining any special permission.

Continued on page 6

6 REGISTRATION

Maximum Credit Limit: Undergraduate Students are generally limited to registering for 16 credits prior to January 27, 1998; students can then register for a maximum of 19 credits. Requests to register for over 16 credits prior to January 27, 1998 require special permission. Permission to take over 19 credits always requires college approval.

CORE Restriction: Students with over 90 cumulative credits are restricted to registering for only one CORE course until January 27, 1998. Any exceptions require college approval. Check pages 22-24 to determine the CORE status of a course.

Graduate Level Courses: Undergraduates requesting graduate level courses (those numbered 500 and above) require college approval.

Time conflicts: Time conflicts are not permitted. All exceptions require college approval.

Pass/Fail Grading Method: See page 35 for pass-fail option requirements for undergraduate students.

Re-registering for the same course: Students are limited to the number of times they can register for a course. NO MORE THAN TWO REGISTRATIONS are permitted for any one course. Each time a course is dropped with a mark of "W" it will be counted as a registration.

Electronic Stamp:
The Electronic Stamp was developed to allow offices to grant special permissions and approvals via computer. Once permission is entered the permission or block is lifted, allowing the student to register. Colleges, departments and the Registrars Office have access to the electronic stamp. Electronic stamp permissions are valid whether registration is in-person, through MARS or Testudo, or at a MARS Kiosk. *Note that after obtaining permission students must still process a registration for the course(s).* For students registering in-person, special permissions can be granted on registration forms or though the electronic stamp process. Turn in forms at Student Services, Room 1101 Mitchell Building or at the Reckord Armory, January 26th-29th.

STEP 6 - COMPLETE REGISTRATION FORM & REGISTER:

Prior to registering or adjusting your shedule make sure all special permissions and advising requirements have been met. Be prepared with alternate sections. After completing the steps above use one of the services below. See **Step 1** for dates and times.

Testudo web site - www.testudo.umd.edu
Use the Records and Registrations link for access to a variety of services for dropping and adding classes, viewing your unofficial transcript, the Schedule of Classes, Venus course scheduler and more. Have course requests and alternate selections available.

MARS - The Maryland Automated Registration System - 301-403-0500
Registration and Schedule Adjustment by touch-tone phone, checking your appointment status, paying your tuition and applying for a campus parking permit are some of the early registration services on MARS. See MARS instructions and MARS course worksheet on pages 9 and 11. Call during MARS operating hours: Monday - Friday 7:30 a.m. to 11:00 p.m. and Sunday 5:00 p.m. to 11:00 p.m.

Walk-In Registration
Complete a Registration Form prior to registering at Student Services, Room 1101 Mitchell Bldg., or Reckord Armory, January 26th-29th.

STEP 7 - AFTER YOU REGISTER

Waitlists: If a course is closed when you register, the waitlist option may be offered. See waitlist dates and times in **Step 1.** Also read information on page 10 for waitlist procedures.

Billing Information: Bills for tuition and fees will be mailed to students that registered January 9, 1998 and before for Spring courses. No bill is mailed for students who register after January 9th. All charges incurred after January 9th through February 6th, are due on February 6, 1998 without exception. Call MARS (select Financial Information), check Testudo or Kiosks, or contact the Student Financial Services center to verify the amount owed.

Payment in full must be made by the dates below. See pages 16-18 for additional financial information.

If you registered by	**Payment in full due:**
December 9, 1997	January 9, 1998
between December 6, 1997 & January 9, 1998	February 6, 1998
after January 9, 1998	In person by February 6, 1998

ID Cards: Students needing Photo ID and/or Registration Card must present proof of bill payment at the Registration Counter, first floor lobby, Mitchell Building, Monday-Friday, 8:30 a.m.-4:30p.m.

Faculty/Staff Registration and Remission of Tuition

Faculty and staff who wish to register for courses must first be admitted to the University of Maryland as an undergraduate or graduate student. Follow the steps listed below.

STEP 1: If necessary, contact the appropriate admissions office:

Undergraduate Admissions	Ground floor Mitchell Bldg.	301-314-8385
Graduate Admissions	2nd floor Lee Bldg.	301-405-4198
Non-degree seeking faculty *(registration is on a space available basis)*	Contact Jeff Bowling 1101 Mitchell Bldg.	301-314-8239

STEP 2: Contact your department representative that is responsible for processing Tuition Remission forms. Complete the forms and make sure they are forwarded to the Personnel Services Department, Room 1101 Chesapeake Bldg.

Tuition Remission: Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Department, Staff Benefits Office in order to receive credit on the student bill for courses taken by faculty and staff. The authorizing department will forward this form directly to Personnel Services. Check with your department to insure that the proper forms have been submitted before the deadlines below. Tuition remission benefits are administered in accordance with University Policy. If you have questions about tuition remission call the Staff Benefits Office at 301-405-5658.

Spring 1998 Tuition Remission forms must be submitted by:
January 6, 1998 for students registering January 6, 1998 and earlier
January 26, 1998 for students registering January 6, 1998 and later.

Note - all forms must be submitted and accounts settled in full by January 26, 1998.

STEP 3: Follow appropriate Registration Procedures for undergraduates (see pages 5-6) or graduate students (see pages 7-8). Contact the Registrar's Office at 301-314-8240 if you have any questions.

Teacher's Registration

Teachers who have previously been admitted to the University of Maryland as either graduate or undergraduates, and who were enrolled for Fall 1997 can register for Spring 1998. Teachers not enrolled during Fall 1997 should follow the appropriate directions below:

Undergraduate Students: Apply for readmission at Undergraduate Admissions, ground floor Mitchell Bldg., 301-314-8382.

Graduate Students: Check with Graduate School to determine eligibility.
2nd floor Lee Bldg., 301-405-4198. See page 7 for Graduate registration procedures.

Dropping Courses & Refund Information

Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged for courses by the credit hour. If the course is dropped the first day of classes and later, (January 27 and later), a percentage charge and/or complete charge for the course will be imposed.

1. January 26 or earlier (prior to the first day of classes) — 100% refund
   There will be no charge for courses dropped prior to this date.
2. January 27-February 2 (during the first five days of classes) — 80% refund
   There will be a 20% charge imposed for courses dropped during this period.
3. February 3 and after (anytime after the first five days of classes) — 0 % refund
   There will be no refund; students incur the full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from January 27-February 9): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal.

After the first ten days of classes (February 10 and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

GRAD STUDENT INFORMATION 7

Graduate Student Registration Procedures

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF MARS, TESTUDO OR THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION CONTINUES THROUGH JANUARY 8, 1998. EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS. CURRENTLY ENROLLED GRADUATE STUDENTS SHOULD HAVE RECEIVED A POSTCARD NOTIFYING THEM ABOUT REGISTRATION PROCEDURES.

NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payments at the Bursar's office, Room 1135 Lee Building, or call MARS at 301-403-0500 if paying by credit card.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include a copy of clearance form with schedule request form.

Most Graduate Students are eligible to use Testudo (www.testudo.umd.edu) or MARS for their initial registration or schedule adjustments. See the MARS worksheet on page 11 for instructions.

REGISTRATION STEPS:

STEP 1—Review the chart on page 8 to determine departmental requirements based on status as a newly admitted or returning graduate student.

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Spring 1998.

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Fall 1997.

STEP 2—If advising is mandatory, (see page 8) or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3—Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 37, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registration for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have cumulative credit requirements. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization). Students should be sure they have authorization prior to registering.

STEP 4—Complete Graduate Schedule Request Form and return it to the department or to the Registrar's Office, as indicated in the Graduate Registration Procedure Chart on page 8, register or adjust your schedule by calling MARS at 301-403-0500 or through Testudo at www.testudo.umd.edu.

NOTE: If the department permits, students may return the form directly to the Registrar's Office by mail through January 8, 1998, or in-person through February 9, 1998. Note however, that late registration begins January 27, 1998.

Office of the Registrar
Room 1101 Mitchell Building
College Park, Maryland 20742

STEP 5—Confirmation of Spring 1998 schedules will be mailed to students according to the following schedule. Also see page 17 for bill payment dates.

Course Request received	***Schedule, Bill and Registration Card sent:***
Through December 6	December 10
December 7-January 9	January 14
January 10 and after	pick-up in person

Immunization

The University of Maryland requires all freshmen, new graduate, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is as student's responsibility to provide this information to the Health Center before school begins. This requirement is mandatory.

Continuous Registration

(Doctoral Students Only)

Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each Fall and Spring semester until the degree is awarded.

ID Cards

Photo ID and semester registration cards are used together for University services requiring identification. Photo ID cards are available at the Registration Counter located on the first floor of the Mitchell Building, Monday - Friday, 8:30 am - 4:30 pm. Students unable to visit during these hours should contact the Registration Office at 301-314-8218 to schedule an ID appointment at another time.

Advising

Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes. **Please note students receiving a private scholarship must maintain full-time status throughout the semester in order to keep their scholarship, unless otherwise stipulated by the donor in writing.**

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour
UMEI 006	2 units per credit hour
UMEI 007	4 units per credit hour
UMEI 008	2 units per credit hour

Program Changes

Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail

Gradute students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Graduate School has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased at the Reckord Armory in the Reprographics Center, Room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Graduate School instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted; thus, graduation may be delayed. Details about these requirements may be obtained from the Graduate Records Office, 2107 Lee Building. (301-405-4202)

Spring Semester 1998 Deadlines- Graduate Students

January 8 ..... Last day for mail-in registration

January 26 ..... Last day to cancel registration

January 27 ..... First day of classes

January 27 ..... Late Registration begins through **February 9**

February 6 ..... DOCTORAL STUDENTS: Deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for May 1998 Commencement.

February 9 ..... Last day to submit applications for May 1998 Graduation to the Registration Counter, Mitchell Building

March 9 ..... MASTERS STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for May 1998 Graduation:

- Approved program form (Thesis and Non-Thesis Students)
- Nomination of Thesis committee form

April 13* ..... Last day to adjust schedule, (drop, add, change credit level, or grading method)

**Must have department stamp to add a course after January 27th*

April 20 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1998 Graduation:

- -Two final, acceptable copies of the completed dissertation
- -The original signed Report of the Oral Examining Committee
- -Survey of earned Doctorates
- -UMI Microfilm Contract
- -UMI/UMCP Agreement

April 27 ..... MASTERS STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1998 Graduation:

- -The original signed report of the Oral Examining Committee
- -Two final, acceptable copies of the Master's Thesis or Certificate of Completion of Masters Degree Without Thesis

May 13 ..... Last day of classes

May 22 ..... COMMENCEMENT

NOTE: ALL COURSES ADDED AFTER JANUARY 27TH WILL REQUIRE FULL PAYMENT EVEN IF A COURSE WITH COMPARABLE CREDIT IS DROPPED AT THE SAME TIME. *See Bottom of Page 6*

6 REGISTRATION

Maximum Credit Limit: Undergraduate Students are generally limited to registering for 16 credits prior to January 27, 1998; students can then register for a maximum of 19 credits. Requests to register for over 16 credits prior to January 27, 1998 require special permission. Permission to take over 19 credits always requires college approval.

CORE Restriction: Students with over 90 cumulative credits are restricted to registering for only one CORE course until January 27, 1998. Any exceptions require college approval. Check pages 22-24 to determine the CORE status of a course.

Graduate Level Courses: Undergraduates requesting graduate level courses (those numbered 500 and above) require college approval.

Time conflicts: Time conflicts are not permitted. All exceptions require college approval.

Pass/Fail Grading Method: See page 35 for pass-fail option requirements for undergraduate students.

Re-registering for the same course: Students are limited to the number of times they can register for a course. NO MORE THAN TWO REGISTRATIONS are permitted for any one course. Each time a course is dropped with a mark of "W" it will be counted as a registration.

Electronic Stamp:
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STEP 6 - COMPLETE REGISTRATION FORM & REGISTER:

Prior to registering or adjusting your shedule make sure all special permissions and advising requirements have been met. Be prepared with alternate sections. After completing the steps above use one of the services below. See **Step 1** for dates and times.

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Use the Records and Registrations link for access to a variety of services for dropping and adding classes, viewing your unofficial transcript, the Schedule of Classes, Venus course scheduler and more. Have course requests and alternate selections available.

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Registration and Schedule Adjustment by touch-tone phone, checking your appointment status, paying your tuition and applying for a campus parking permit are some of the early registration services on MARS. See MARS instructions and MARS course worksheet on pages 9 and 11. Call during MARS operating hours: Monday - Friday 7:30 a.m. to 11:00 p.m. and Sunday 5:00 p.m. to 11:00 p.m.

Walk-In Registration
Complete a Registration Form prior to registering at Student Services, Room 1101 Mitchell Bldg., or Reckord Armory, January 26th-29th.

STEP 7 - AFTER YOU REGISTER

Waitlists: If a course is closed when you register, the waitlist option may be offered. See waitlist dates and times in **Step 1.** Also read information on page 10 for waitlist procedures.

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Payment in full must be made by the dates below. See pages 16-18 for additional financial information.

If you registered by	**Payment in full due:**
December 9, 1997	January 9, 1998
between December 6, 1997 & January 9, 1998	February 6, 1998
after January 9, 1998	In person by February 6, 1998

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Faculty and staff who wish to register for courses must first be admitted to the University of Maryland as an undergraduate or graduate student. Follow the steps listed below.

STEP 1: If necessary, contact the appropriate admissions office:

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Graduate Admissions	2nd floor Lee Bldg.	301-405-4198
Non-degree seeking faculty *(registration is on a space available basis)*	Contact Jeff Bowling 1101 Mitchell Bldg.	301-314-8239

STEP 2: Contact your department representative that is responsible for processing Tuition Remission forms. Complete the forms and make sure they are forwarded to the Personnel Services Department, Room 1101 Chesapeake Bldg.

Tuition Remission: Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Department, Staff Benefits Office in order to receive credit on the student bill for courses taken by faculty and staff. The authorizing department will forward this form directly to Personnel Services. Check with your department to insure that the proper forms have been submitted before the deadlines below. Tuition remission benefits are administered in accordance with University Policy. If you have questions about tuition remission call the Staff Benefits Office at 301-405-5658.

Spring 1998 Tuition Remission forms must be submitted by:
January 6, 1998 for students registering January 6, 1998 and earlier
January 26, 1998 for students registering January 6, 1998 and later.

Note - all forms must be submitted and accounts settled in full by January 26, 1998.

STEP 3: Follow appropriate Registration Procedures for undergraduates (see pages 5-6) or graduate students (see pages 7-8). Contact the Registrar's Office at 301-314-8240 if you have any questions.

Teacher's Registration

Teachers who have previously been admitted to the University of Maryland as either graduate or undergraduates, and who were enrolled for Fall 1997 can register for Spring 1998. Teachers not enrolled during Fall 1997 should follow the appropriate directions below:

Undergraduate Students: Apply for readmission at Undergraduate Admissions, ground floor Mitchell Bldg., 301-314-8382.

Graduate Students: Check with Graduate School to determine eligibility.
2nd floor Lee Bldg., 301-405-4198. See page 7 for Graduate registration procedures.

Dropping Courses & Refund Information

Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged for courses by the credit hour. If the course is dropped the first day of classes and later, (January 27 and later), a percentage charge and/or complete charge for the course will be imposed.

1. January 26 or earlier (prior to the first day of classes) — 100% refund
   There will be no charge for courses dropped prior to this date.
2. January 27-February 2 (during the first five days of classes) — 80% refund
   There will be a 20% charge imposed for courses dropped during this period.
3. February 3 and after (anytime after the first five days of classes) — 0 % refund
   There will be no refund; students incur the full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from January 27-February 9): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal.

After the first ten days of classes (February 10 and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

GRAD STUDENT INFORMATION 7

Graduate Student Registration Procedures

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF MARS, TESTUDO OR THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION CONTINUES THROUGH JANUARY 8, 1998. EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS. CURRENTLY ENROLLED GRADUATE STUDENTS SHOULD HAVE RECEIVED A POSTCARD NOTIFYING THEM ABOUT REGISTRATION PROCEDURES.

NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payments at the Bursar's office, Room 1135 Lee Building, or call MARS at 301-403-0500 if paying by credit card.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include a copy of clearance form with schedule request form.

Most Graduate Students are eligible to use Testudo (www.testudo.umd.edu) or MARS for their initial registration or schedule adjustments. See the MARS worksheet on page 11 for instructions.

REGISTRATION STEPS:

STEP 1—Review the chart on page 8 to determine departmental requirements based on status as a newly admitted or returning graduate student.

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Spring 1998.

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Fall 1997.

STEP 2—If advising is mandatory, (see page 8) or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3—Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 37, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registration for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have cumulative credit requirements. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization). Students should be sure they have authorization prior to registering.

STEP 4—Complete Graduate Schedule Request Form and return it to the department or to the Registrar's Office, as indicated in the Graduate Registration Procedure Chart on page 8, register or adjust your schedule by calling MARS at 301-403-0500 or through Testudo at www.testudo.umd.edu.

NOTE: If the department permits, students may return the form directly to the Registrar's Office by mail through January 8, 1998, or in-person through February 9, 1998. Note however, that late registration begins January 27, 1998.

Office of the Registrar
Room 1101 Mitchell Building
College Park, Maryland 20742

STEP 5—Confirmation of Spring 1998 schedules will be mailed to students according to the following schedule. Also see page 17 for bill payment dates.

Course Request received	*Schedule, Bill and Registration Card sent:*
Through December 6	December 10
December 7-January 9	January 14
January 10 and after	pick-up in person

Immunization

The University of Maryland requires all freshmen, new graduate, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is as student's responsibility to provide this information to the Health Center before school begins. This requirement is mandatory.

Continuous Registration

(Doctoral Students Only)

Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each Fall and Spring semester until the degree is awarded.

ID Cards

Photo ID and semester registration cards are used together for University services requiring identification. Photo ID cards are available at the Registration Counter located on the first floor of the Mitchell Building, Monday - Friday, 8:30 am - 4:30 pm. Students unable to visit during these hours should contact the Registration Office at 301-314-8218 to schedule an ID appointment at another time.

Advising

Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes. **Please note students receiving a private scholarship must maintain full-time status throughout the semester in order to keep their scholarship, unless otherwise stipulated by the donor in writing.**

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour
UMEI 006	2 units per credit hour
UMEI 007	4 units per credit hour
UMEI 008	2 units per credit hour

Program Changes

Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail

Gradute students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Graduate School has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased at the Reckord Armory in the Reprographics Center, Room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Graduate School instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted; thus, graduation may be delayed. Details about these requirements may be obtained from the Graduate Records Office, 2107 Lee Building. (301-405-4202)

Spring Semester 1998 Deadlines- Graduate Students

January 8 ..... Last day for mail-in registration

January 26 ..... Last day to cancel registration

January 27 ..... First day of classes

January 27 ..... Late Registration begins through **February 9**

February 6 ..... DOCTORAL STUDENTS: Deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for May 1998 Commencement.

February 9 ..... Last day to submit applications for May 1998 Graduation to the Registration Counter, Mitchell Building

March 9 ..... MASTERS STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for May 1998 Graduation:

- Approved program form (Thesis and Non-Thesis Students)
- Nomination of Thesis committee form

April 13* ..... Last day to adjust schedule, (drop, add, change credit level, or grading method)

**Must have department stamp to add a course after January 27th*

April 20 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1998 Graduation:

-Two final, acceptable copies of the completed dissertation
-The original signed Report of the Oral Examining Committee
-Survey of earned Doctorates
-UMI Microfilm Contract
-UMI/UMCP Agreement

April 27 ..... MASTERS STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1998 Graduation:

-The original signed report of the Oral Examining Committee
-Two final, acceptable copies of the Master's Thesis or Certificate of Completion of Masters Degree Without Thesis

May 13 ..... Last day of classes

May 22 ..... COMMENCEMENT

NOTE: ALL COURSES ADDED AFTER JANUARY 27TH WILL REQUIRE FULL PAYMENT EVEN IF A COURSE WITH COMPARABLE CREDIT IS DROPPED AT THE SAME TIME. *See Bottom of Page 6*

8 GRAD STUDENT INFORMATION

Graduate Students: use this chart to determine advising requirements and locations for Spring 1998 registration.

DEPARTMENT/PROGRAM		LOCATION	STUDENT STATUS			
			Newly Admitted Students		Returning Students	
			Advising	Return Completed Forms to:	Advising	Return Completed Forms to:
ADVP	Animal Sciences	4149 Animal Sci Center	Mandatory	Registration Office	Mandatory (except 799-899)	Registration Office
AGRO	Agronomy	1109 H J Patterson	Mandatory	Registration Office	Mandatory	Registration Office
AMST	American Studies	2140 Taliaferro	Mandatory	Registration Office	Optional	Registration Office
ANTH	Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH	Architecture	1298 Architecture	Mandatory	Registration Office	Optional	Registration Office
AREC	Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
ARTH	Art History & Archeology	1211 Art/Socy	Mandatory	Registration Office	Mandatory	Registration Office
ARTT	Art	1211 Art/Socy	Optional	Registration Office	Optional	Registration Office
ASTR	Astronomy	1206 Space Sci	Mandatory	Registration Office	Mandatory (except 799-899)	Department
BCHM	Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Registration Office
BMGT	Business and Management	2308 VMH	MBA: permission of Director		MBA optional	Department
	BMBA Master of Business Administration	2308 VMH	MS: see faculty advisor or Director		MS Optional	Department
	BMJT Joint MBA/MS	2308 VMH			Ph. D. Optional	MS: see faculty advisor or Dept.
	BMSB Master of Science	2308 VMH				
	BPHD Ph.D Program	Ph.D: 2407 VMH	Ph.D. at Orientation			
	BMSW Business Social Work Combined	2308 VMH	N/A	N/A	N/A	N/A
	BMPM	See BMGT and MAPM			Optional	Department
CHEM	Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH	Chemical Physics	1126 Physics Bldg	Optional	Registration Office	Optional	Registration Office
CLAS	Classics	2407 Marie Mant	Mandatory	Registration Office	Optional	Registration Office
CMLT	Comparative Literature	4220 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
CMPL	Community Planning	1113 LeFrak Hall	Mandatory	Registration Office	Mandatory	Registration Office
CMSC	Computer Science	1119 A.V. Williams	Mandatory	Registration Office	Mandatory	Registration Office
CONS	Sustainable Development and Conservation Biology	3210 Zoo/Psyc Bldg	Mandatory	Registration Office	Optional	Registration Office
CRIM	Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registration Office
CRWR	Creative Writing	Surge Bldg	Optional	Registration Office	Optional	Registration Office
DANC	Dance	1132 Dance Bldg	Mandatory	Registration Office	Mandatory	Registration Office
ECON	Economics	3127F Tydings	Mandatory	Department	Optional	Department
EDCI	Curriculum and Instruction	2311 H.R. Benjamin	Mandatory	Registration Office	Optional	Registration Office
EDCP	Counseling and Personnel Services	3214 H.R. Benjamin	Mandatory	Registration Office	Mandatory (except 799-899)	Registration Office
EDHD	Human Development	3304 H.R. Benjamin	Mandatory	Registration Office	Optional	Registration Office
EDMS	Measurement, Statistics and Evaluation	1230 H.R. Benjamin	Optional	Registration Office	Optional	Registration Office
EDPA	Policy, Planning and Administratioin	2110 H.R. Benjamin	Optional	Registration Office	Optional	Registration Office
EDSP	Special Education	1304 H.R. Benjamin	Mandatory	Registration Office	Optional	Registration Office
ENAE	Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registration Office
ENBE	Agricultural Engineering	1431 Agri Engr Bldg	Mandatory	Registration Office	Mandatory	Registration Office
ENCE	Civil Engineering	1179 Engr Classroom Bldg	Optional	Registration Office	Optional	Registration Office
ENCH	Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE	Electrical Engineering	2434 A. V. Williams	Optional	Registration Office	Optional	Registration Office
ENFP	Fire Protection Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Department
ENGL	English	Surge Bldg	Optional	Registration Office	Optional	Registration Office
ENMA	Material Sciences Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME	Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registration Office	Optional	Registration Office
ENNU	Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registration Office	Optional	Registration Office
ENPM*	Professional Masters	2174 Engineering Classroom Bldg	Optional	Department	Optional	Department
ENRE	Reliability Engineering	2141 Chem Engr Bldg	Optional	Registration Office	Optional	Registration Office
ENSE	Systems Engineering	2101 A.V. Williams	Mandatory	Registration Office	Mandatory	Registration Office
ENTM	Entomology	1300 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
ENTS*	Telecommunications	3181 Engr. Classroom Bldg.	Mandatory	Department	Mandatory	Department
FDSC	Food Science	3304 Marie Mount	Mandatory	Registration Office	Mandatory	Registration Office
FMST	Family Studies	1204 Marie Mount	Optional	Registration Office	Optional	Registration Office
FRIT	French Language and literature	3106D Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
GEOG	Geography	1163 LeFrak	Mandatory	Registration Office	Mandatory	Registration Office
GELS	Geography and Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL	Geology	1115 Geology Bldg	Mandatory	Registration Office	Mandatory	Registration Office
GERS	Germanic Studies	3215 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
GRAD	Advanced Special Student	2117 Lee Bldg.	Not Required	Registration Office	Not Required	Registration Office
GVPT	Government & Politics	3140 Tydings Hall	at Orientation	at Orientation	Optional	Registration Office
HESP	Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registration Office	Mandatory	Registration Office
HILS	History Library and Information Sciences	see LBSC	N/A	N/A	N/A	N/A
HIST	History	2117 Francis Scott Key	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
HLTH	Health Education	2387 HLHP Bldg	at Orientation	at Orientation	Mandatory	Registration Office
HORT	Horticulture	1122 Holzapfel	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
JOUR	Journalism	1118 Journalism	Mandatory	Registration Office	Optional	Registration Office
KNES	Kinesiology	2351 HLHP Bldg	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
LBSC	Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING	Linguistics	1401 Marie Mant	Mandatory	Registration Office	Optional	Registration Office
LMBA	Business Law Combined	2308 VMH	see Admit Letter		Mandatory	Department
LMPM	Public Management Law Combined	see MAPM	N/A	N/A	N/A	N/A
MAPL	Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM	Public Management	2308 VMH	Mandatory	Department	Mandatory	Registration Office
MAPP	Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registration Office
MATH	Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MCOM	Mass Communications	1118 Journalism	Mandatory	Registration Office	Optional	Registration Office
MEES	Marine-Estuarine-Environmental Science	0313 Symons Hall	Optional	Registration Office	Optional	Registration Office
METO	Meteorology	2207 Space Sci	at Orientation	Registration Office	Mandatory (except 799/899)	Registration Office
MICB	Microbiology	2131 Skinner	Mandatory	Registration Office	Mandatory	Registration Office
MOCB	Molecular and Cellular Biology	1123 Microbiology	Mandatory	Registration Office	Mandatory	Registration Office
MSWE*	Master of Software Engineering	Joint Program with University College (301-985-7155)	Mandatory	University College (301-985-7155)	Mandatory	University College Univ. Blvd. at Adelphi Rd College Park, Md 21741-0869
MUSC	Music	2110 Tawes	Mandatory	Registration Office	Mandatory	Registration Office
NACS	Neuroscience and Cognitive Sciences	2205 Zoo Psyc Bldg.	Mandatory	Department	Mandatory	Department
NUTR	Nutrition	3304 Marie Mount	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
PBIO	Plant Biology	1223 H.J. Patterson	at Orientation	Registration Office	Optional	Registration Office
PCOM	Public Communication	2109 Journalism	Optional	Registration Office	Optional	Registration Office
PHIL	Philosophy	4360 Computer Science Center	Mandatory	Registration Office	Mandatory	Registration Office
PHYS	Physics	1120 Physics Bldg	Mandatory	Department	Mandatory (except 799/899)	Registration Office
POSI	Policy Studies	1212 LeFrak Hall	Mandatory	Department	Mandatory	Registration Office
POUL	Poultry Science	3129 Animal Science Center	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
PSYC	Psychology	1147 Zoo Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR	Recreation	2367 HLHP Bldg	Mandatory	Department	Mandatory	Department
RUSS	Russian Language and Linguistics	3215 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
SOCY	Sociology	2108Art/Socy Bldg	Mandatory	Department	Mandatory (except 799/899)	Department
SPAP	Spanish Language and Literature	2215 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
SPCM	Speech Communication	2123 Skinner	Mandatory	Registration Office	Mandatory	Registration Office
STAT	Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or orientation	Mandatory	Department
SURV	Survey Methodology	1218 LeFrak Hall	Mandatory	Department	Mandatory	Department
THET	Theatre	0240 Tawes	Mandatory	Registration Office	Mandatory	Registration Office
TOXI	Toxicology	0300 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
ZOOL	Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registration Office	Optional	Registration Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB UMBC UMES UMUC Intercampus Student		1108 Mitchell Bldg.	at Home Campus	Office of Special Programs at Host Campus Intercampus Form Must be Attached	Office of Special Programs at Host Campus Inter Campus Form Must be Attached	Office of Special Programs at Host Campus Inter Campus Form Must be Attached

*Note: Differential Tuition

Use Testudo (www.testudo.umd.edu) or MARS for drop/ add, waitlist check-in and much more!

MARS FEATURES

Welcome to MARS! The MARS Main Menu is divided into different areas representing various student services - Registration Activities, Grade Inquiry, Financial Information and more. Each area is represented by a different number on the telephone keypad, and within each area there are various functions. Listen carefully to MARS for selection numbers. MARS is frequently being updated so check the MARS Main Menu for new applications and services.

REGISTRATION ACTIVITIES MENU

This is the most widely used area of MARS and includes functions for course registration, schedule adjustment, searching for open course sections, getting on a waitlist, and listing your course schedule. Remember advising or special course permissions may be required before registering.

Registration/Schedule Adjustment: Use this feature to add and drop courses, change a grading method or credit level, list your current schedule, check on open sections, or place yourself on a waitlist. See page 11 for a MARS Course Worksheet and directions for using MARS to register.

Waitlist Check-In: Students can use MARS to fulfill the mandatory waitlist check-in obligation or check the status of their waitlisted courses Read page 10 for waitlist information.

Section Status: Up-to date course availability data is provided through Section Status. To inquire about a section use the course/section Index Number in the course listings. If a course is closed, the number of students on the waiting list will be given. Because this feature is only informational, no registration blocks are enforced.

List Schedule: MARS will list the courses for which you are currently registered.

Regisration and Appointment Status: Lists student early registration dates as well as advising requirements, financial eligbility and registration blocks.

GRADE INQUIRY

Provides semester and early warning grades as soon as they are available.

CAMPUS PARKING APPLICATION

Students can apply for parking permits and change lot selections. See page 14.

FINANCIAL INFORMATION

Account Balance and Payment: Use MARS to pay your bill or check your account balance.

Check Disbursement: Students receiving aid can use this feature to schedule an appointment to pick up aid checks.

Financial Aid Inquiry Student can check on the status of their financial aid application and receive aid information.

PIN CHANGE

A student's initial Personal Identification Number or PIN is set to their 6-digit birthdate (For example 062176). This number must be changed the first time you access MARS. Also use this feature to change your PIN if you feel the security of the number has been compromised.

CAMPUS SURVEYS

This feature is used as a tool to conduct surveys on various issues effecting students.

CALLING MARS

Schedule adjustment and registration with *MARS* is convenient and easy. *MARS* utilizes the telephone key pad to communicate your course requests to the computer. The *MARS* Course Worksheet and key pad on page 11 will guide you through the process. Just follow the steps below, and then call *MARS*.

- FOLLOW steps 1 - 7 in Getting Ready to Register (Pages 5 & 6).
- Fill out the MARS course worksheet on page 11 and enter the information on each line. Use an ACTION CODE, section INDEX NUMBER, and # (pound sign) on the key pad for each transaction. After entering all lines press # (pound sign) again to signal the computer to process course requests.

ACTION CODE - tells the computer what you want to do, for example add (press 2), drop (press 3) or list courses (press 5). All ACTION CODES are listed on page 11.

INDEX NUMBERS - identify the individual course and section. Each course has a unique 5-digit index number in the course listings section of the Schedule of Classes. The INDEX NUMBER is in parenthesis to the right of the section number. Contact the department offering the course for INDEX NUMBERS not listed in the Schedule of Classes.

- Call *MARS* for registration, schedule adjustment and waitlist check-in during the times listed below. Listen to MARS carefully, you will be prompted for your Student ID Number (social security number) and PIN (Personal Identification Number). Note: Late Registration begins January 27, 1998

  Monday - Saturday 7:30 a.m. - 11:00 p.m. (usually available during these hours)
  Sunday 5:00 p.m. - 11:00 p.m.

- Phone Numbers: *MARS* 301-403-0500
  (From on-campus dial 9-403-0500)
  MARS HELPLINE call 301-314-1600
  (call the *MARS* Helpline between the hours of 8:30 and 4:30 if you have any questions or concerns)

VENUS

VENUS, or the Virtual Electronic Network University Scheduler, can be accessed through the Internet and is being widely used by University of Maryland students as a tool to create their course schedule.

Venus assembles schedules by considering all the possible combinations that can be produced with the courses that a student specifies. The student simply enters the courses he/she is considering, and Venus gives schedule options using all the specified course sections. The Venus online tutorial will get you started.

Check out Venus at http://www.testudo.umd.edu

WORDS FROM MARS

ACCIDENTAL TERMINATION OF CALL: If you are accidently cut off from *MARS* before you complete your request, recall the system. You will be registered for transactions processed prior to termination. After entering your student ID and PIN, press 5 # # to list your course schedule. *MARS* will list the courses for which you are already registered. You may then make additions or changes to your schedule.

CANCELLATION OF REGISTRATION: Note that whether you register in person, or through Testudo or *MARS* your entries are part of your registration record. See Cancellation of Registration, page 12, for deadlines and information.

DISCONNECTIONS: Time limits are built into the system. If you are on the *MARS* line for an extended period of time you will be disconnected. Error limits are also a part of *MARS*. If you do not enter the correct information after the second try, *MARS* will disconnect. You may immediately call *MARS* back. List your schedule (5##) to verify prior transactions..

DROPPING: You may drop a course by using Action Code 3 # # with Drop/Add. *MARS* will list all of your courses and give you the option to drop. *Before dropping one course in order to register for another course, be sure to use Open Section Look-up to insure that the course is available. Once a closed course has been dropped, you will be unable to reregister for the course. The next person on the waitlist has been given your seat.*

FUNDAMENTAL STUDIES: Students with a Fundamental Studies Block should contact their college office for a temporary extension. If you are registering for the required course, you must register in person.

SCHEDULE ADJUSTMENT: Schedule Adjustment for Spring 1998 begins December 9, 1997. Call *MARS* during operating hours: Monday - Saturday 7:30 a.m. to 11:00 p.m., Sunday 5:00 p.m. - 11:00 p.m or use www.testudo.umd.edu. Walk-in Schedule Adjustment is also available. See page 5.

GRADE INQUIRY: This feature of MARS provides students with semester and early warning grades as soon as they are available. In December 1997 use MARS, Testudo or a Kiosk to get your Fall 1997 grades. Use your Student ID Number and PIN, and as soon as your grades are processed, they will be available electronically. Grade Point Averages will be calculated in early January 1998 after all final grades have been posted. ***Grade reports will no longer be mailed, but Official Transcripts are always available free of charge. See page 30, Transcript Services, for details.***

GRADING METHOD: This refers to the choice of taking a course for a letter grade (A - F), Pass-Fail, or Audit. Change the grading method for a course by using *MARS* Action Code 4 # #. All grading methods are not available for all courses. Additionally, there are restrictions on taking courses Pass-Fail. See page 35 for information.

INDEX NUMBER: Unique five-digit index numbers are assigned to each section of a course. This number is located to the right of the section number in the course listings (beginning on page 37). Index Numbers for independent study courses must be obtained from the department offering the course.

PIN - PERSONAL IDENTIFICATION NUMBER: Most students already have a PIN. For students matriculating for Spring 1998 your initial PIN will be your six-digit birthdate (MMDDYY). Once you have accessed *MARS* you will be required to change this to another six-digit number. Please retain this number, and keep it confidential to insure private access to your records. Your PIN can be changed by selecting the PIN Change Processor from the *MARS* main menu,or at theTestudo web site: www.testudo.umd.edu.

SCHEDULE AND BILL: Students that register January 9, 1998 and earlier will receive a schedule, registration card and bill in the mail. Payment in full must be made no later than January 9, 1998 for students who registered by December 6, 1997 and earlier and by February 6, 1998 for students registering between December 6, 1997 and January 9,1998. Bill Payment is due by February 6, 1998 for students registering after January 9, 1998.

SILENCE DURING PROCESSING: There may be periods of silence during your call to *MARS*. This is normal and occurs when information is being verified or processed. Typically, the amount of silence lasts no longer than 5 seconds; however this time may increase during periods of heavy use. DO NOT HANG UP. Wait for the next set of instructions.

REGISTRATION BLOCKS: Some students, because of their major or academic status, must be advised before they register or process schedule adjustments. *These students include those on academic warning/dismissal, student athletes, students with a fundamental studies block, newly admitted students, and students in the IED and Individual Admit programs.* Advisors can remove these blocks electronically after your advising appointment. You will then be cleared and can register using MARS or Testudo. Be sure to schedule an appointment with your advisor prior to your registration time.

TIME CONFLICTS: *MARS* will not permit you to register for courses that conflict in time. Any exceptions require special permission from your college. To be placed on a waitlist for a course that conflicts with one you are registered for, use Waitlist Action Code 7 # #. If you receive the class from the waitlist, you will then be required to resolve the conflict. If the time conflict is not resolved, the course received from the waitlist will be dropped. Refer to Waitlist Feature on page 10 for more information.

VARIABLE CREDIT: Certain courses can be taken for a variable number of credits. *MARS* will prompt you for the number of credits when you register. You can change the credit level for a variable credit course by using *MARS* Action Code 8 # #.

Anyone using the Maryland Automated Registration System for purposes other than accessing his/her own records will be in violation of University Policy. Calls may be monitored for development purposes.

10 WAITLIST INFO

USING THE WAITLIST

The waitlist is a roster of students who are waiting for a seat to become available in a closed course. The waitlist stores names in order of request, on a first come, first served basis, to allow access to seats as drops are processed. Students can waitlist courses by using MARS, Testudo, or in-person.

Waitlisting with MARS and Testudo: When attempting to add a closed course, and a waitlist is available, the waitlist option will be offered. If this option is selected, you will be placed on the waitlist for the closed section. Additionally, you will be prompted to enter up to five more waitlist sections. Be sure to use the section INDEX NUMBER. Information about the MANDATORY and REGULAR CHECK-IN dates will be given. Make note of these important dates.

When following these procedures to place a request on the waitlist, normal registration blocks are enforced. For example, if the desired waitlisted course conflicts in time with an existing added course you will be prevented from waitlisting the course. See WAITLIST FEATURE at the bottom of this page for details on how to temporarily override time and credit restrictions.

Waitlisting in Person: If a course is closed and a waitlist is available you will be offered the option of being placed on a waitlist. You may waitlist up to six sections of a course. Mandatory Check-In and Regular Check-In dates will be noted on your Schedule Request/ Adjustment form. *You are required to check-in beginning on these dates to remain on the waitlist.* Please retain this information.

WAITLIST CHECK-IN FOR SPRING 1998-USE MARS, KIOSKS, OR TESTUDO ON THE WEB

Waitlist Check-In is available through February 10, 1998. If you are on the waitlist you must call MARS (403-0500), use www.testudo.umd.edu or check-in at a Kiosk on the first day of classes, January 27, 1998 the mandatory check-in date. If you are still on the waitlist after mandatory check-in, you must then call daily during regular check-in, beginning January 28, 1998 to remain on the waitlist. **Remember—you must first check-in on the first day of classes, and then daily to remain on the waitlist.** Use Testudo or call during MARS operating hours:

Monday - Saturday 7:30 a.m. - 11:00 p.m. (late hours are usually available)
Sunday 5:00 p.m. - 11:00 p.m.

Students can also check-in at Student Services, 1101 Mitchell Building, now through January 7, 1998 and at the Reckford Armory, January 26-29, 1998. Regular Check-In will resume in the Mitchell Building, January 30-February 10, 1998;

MARSand Testudo Check-In: MARS and Testudo waitlist data is transferred daily from the on-line registration system. When students check-in, MARS captures the Student Identification number and it is stored in a file. In the evening, this file is transferred to the on-line registration system. Updated course schedules with received waitlist courses are available the following day. If you place yourself on a waitlist, this information will not be available in MARS or Testudo waitlist check-in until the following day.

To Check-In using MARS follow steps 1-5, or visit a MARS Kiosk or use Testudo

1. Call MARS at 403-0500
2. Press 1 for Registration Activities
3. Press 2 for Waitlist Check-In
4. Enter your Student Identification Number (usually your social security number)
5. Enter your PIN (Personal Identification Number)

MARS will either indicate that a specific course was added to your schedule, or that you are still waiting for the course. If the course is received, MARS will confirm that the course was added to your schedule. NOTE that when a course is received from the waitlist it is added to a student's schedule the following day. You may wish to call MARS or access Testudo the next day and list your schedule to verify that the add was processed.

If you have not received the course, and are still on the waitlist, MARS/Testudo will give your waitlist position and the next mandatory check-in date. You will also be provided a confirmation number. This number is your assurance that you for Waitlist checked-in that day. **Remember, to remain on the waitlist you must check-in daily once classes begin.**

MARS Waitlist Status: You can check the status of a waitlisted course beginning the day after you register. Call MARS and select Waitlist Check-In from the MARS menu. MARS will list any courses you have received from the waitlist and your waitlist/holdfile position for the section you have not received.

Conflicts: If you receive a course from the waitlist which creates a time conflict or causes your schedule to exceed the number of allowable credits, etc., you MUST adjust your schedule by 4:30 p.m. of the following workday. You can use MARS or Testudo Registration/Schedule Adjustment, come in to the Registrations Office, or call the MARS Helpline (314-1600). If you do not adjust your schedule, a drop will be processed on the course you received from the waitlist.

WAITLIST INFORMATION

1. **You must check-in once a day, either by calling MARS, using Testudo, or in-person, during the specified period, to remain on the waitlist. Students that do not check-in will be removed from the waitlist.** If a section has already been assigned, the section will be given to the next eligible student.

2. Not all departments offer waitlists for their courses. It is the decision of the department whether or not to offer a waitlist. Some departments have two waitlists - one for eligible majors and one for special populations determined by the department. In those departments where two waitlists are kept, be aware that eligible majors have priority.

3. It is recommended that you complete your schedule with alternative course choices. **BEING PLACED ON A WAITLIST DOES NOT GUARANTEE THAT YOU WILL BE SECTIONED INTO YOUR DESIRED COURSE.**

4. To be eligible for the waitlist/hold file you cannot be registered for any other section of the desired course. If you are currently registered for any other section of the course, you must drop that section before you can be placed on the waitlist. If you remain registered for another section of the same course at the time you waitlist, you will be removed from the waitlists.

5. You may select up to six (6) sections of a course. The first section to become available will be assigned to you by the computer. Since you will now be registered for a section, your name will be removed from the waitlist for that course. If you subsequently refuse the assigned section, that section will be given to the next person waiting for it. You may, at that time, request to be **PLACED AT THE END OF THE WAITING LIST FOR ANOTHER SECTION.**

6. Once you have been placed on a waitlist for a specific course you cannot add any additional sections to the waitlist for that course at the same position. If you later decide to add additional sections they can be added to the end of the waitlist.

7. Students stand a better chance of receiving a course by waitlisting as many sections as possible. However, when waitlisting multiple sections of a course, you should be sure each section fits your schedule unless you plan to drop the course that conflicts with the waitlist section at the time the section is received.

8. Problems resulting from courses received from the waitlist that conflict with a student's schedule must be resolved. After a course is received from the waitlist time conflicts cannot remain on a student's schedule without permission from the student's college. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course.

9. If new sections are opened with exact meeting times to those sections selected, you will be scheduled for the new section by the waitlist processor.

10. Waitlist activity will end the last day of the Schedule Adjustment Period.

11. Students who receive courses from the waitlist prior to the beginning of the semester may receive information regarding phone-in procedures.

WAITLIST FEATURE (7 # # ON MARS)

Waitlisting a course that conflicts in time with another course or waitlisting a course that if received, would allow a student to be enrolled in credits above the maximum credit restriction requires a student to use the Action Code 7 # # while in Registration/Schedule Adjustment. This procedure only allows an override on the registration blocks for waitlisted courses. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course. Additionally, 7 # # allows students to drop a section of a previously waitlisted course, and provides a listing of waitlist courses.

ADDING A COURSE TO THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 2, INDEX NUMBER, # #

The course/section has now been added to the waitlist. Listen carefully, you will be prompted to waitlist 5 additional sections if you so desire. The processor will warn you when there are registration blocks associated with your waitlist requests. These will be overridden by the processor. If you receive the course, you MUST resolve the problem by 4:30 p.m. of the following workday to comply with University policy. Failure to adjust your schedule will result in the received class being dropped.

DROPPING A COURSE FROM THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 3, INDEX NUMBER, # #. The exact course/section has been deleted from your waitlist record.

OR

Press Action Code 3, # #. *MARS* will list all your waitlist courses/sections. Listen carefully. The system will prompt you to drop the desired waitlist course/section.

LISTING WAITLIST COURSES:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 5, # #. *MARS* will list your waitlist courses/sections and position number.

If you receive a course from the waitlist you must still reconfirm your request. To reconfirm and receive the course go back to the MARS main menu, select Waitlist Check-in (press 2) and follow instructions.

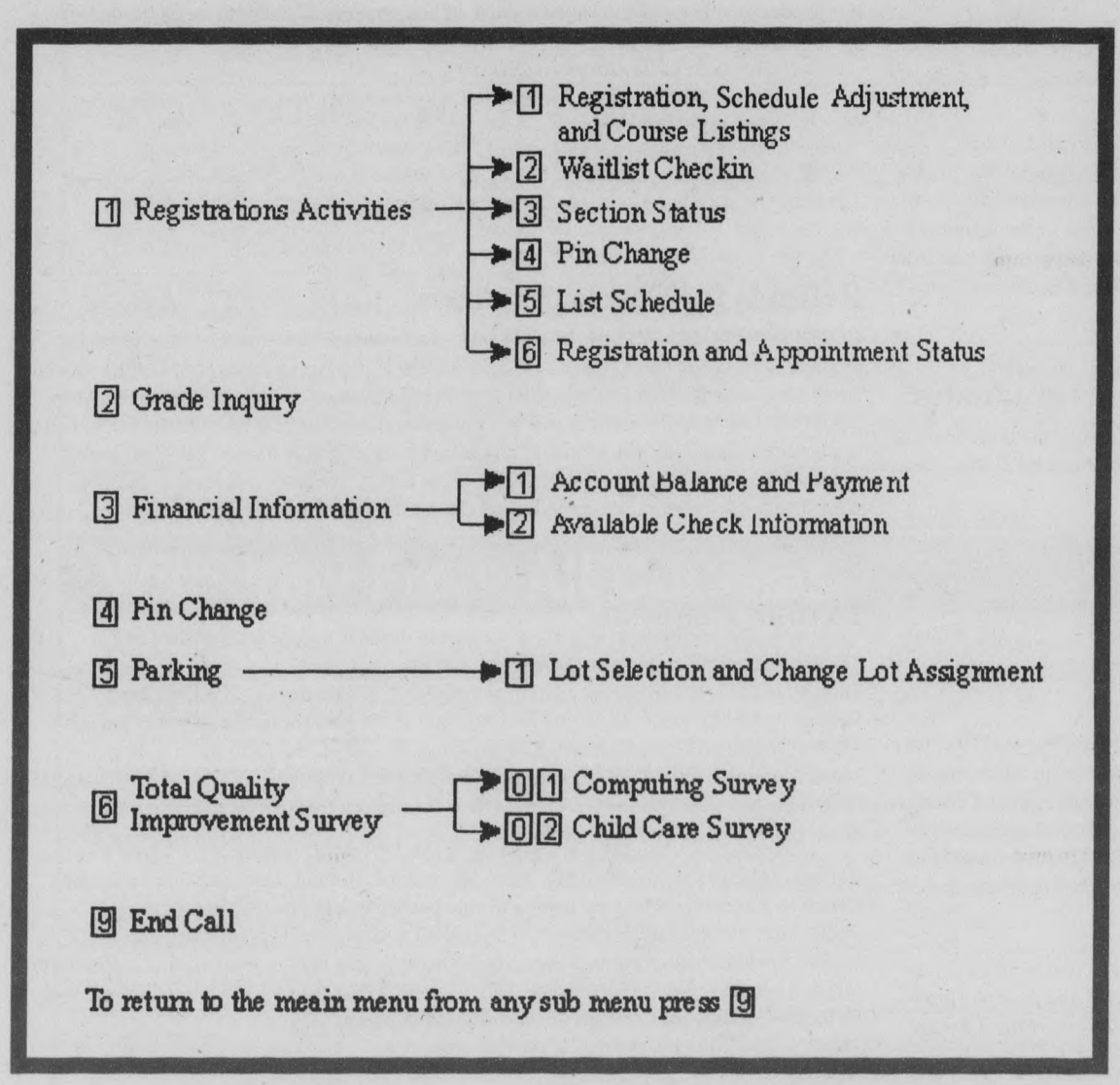
MARS COURSE WORKSHEET 11

TO ADD COURSES FOLLOW STEPS 1 - 8

1. Before processing your registration fill in the boxes below, one course per line. Each course selection is identified in the Schedule of Classes by a unique 5-digit INDEX NUMBER (to the right of the section number). Be prepared with alternate selections. *Note that **MARS** will not allow you to register for any time conflicts.*
2. Call **MARS** 301-403-0500 (from campus call 9-403-0500)
3. Select Registration Activities from the **MARS** main menu (Option 1).
4. Select Registration, Schedule Adjustment, and Course Listings from the Registration Acticities menu (Option 1).
5. Enter your student ID number (usually your social security number) __ __ __ - __ __ - __ __ __ __
6. Enter your PIN (Personal Identification Number) __ __ __ __ __ __
7. Add courses to your schedule by pressing Action Code 2, the INDEX NUMBER of the course, and #.
8. After you have entered all ADDS in this format, enter another # to send the information to the computer. Listen carefully, **MARS** will give information about each transaction.

ACTION CODE	INDEX NUMBER		COURSE	SECTION	DAYS	TIMES
ABC 2	__ __ __ __ __	#				
ABC 2	__ __ __ __ __	#				
ABC 2	__ __ __ __ __	#				
ABC 2	__ __ __ __ __	#				
ABC 2	__ __ __ __ __	#				
ABC 2	__ __ __ __ __	#				

Press # after entering your transactions. This # signals the computer to process your requests.



ACTION CODES

ADD A COURSE:

2, INDEX NUMBER, # #

DROP A COURSE:

3, INDEX NUMBER, # #

OR 3 # # , MARS will list courses & prompt you to press 1 to drop or 0 to continue

CHANGE GRADING METHOD:

You have the option to enter a grading method when adding a course. If no grading method is entered, MARS will default, in most cases to regular.

4 INDEX NUMBER * GRADING METHOD # #

1=Regular 2=Pass/Fail 3=Audit 4=Satisfactory/Fail

OR 4 # # to list courses with grading method

CHANGE CREDIT LEVEL:

Limited to variable level courses

8 INDEX NUMBER * NUMBER OF CREDITS # #

(Example: 2 credits=02)

OR 8 # # to list courses with credit levels

LIST YOUR SCHEDULE:

5 # #

LIST OPEN SECTIONS:

MARS will list up to six open sections. You have the option to list open sections that don't conflict with your current schedule, or all open sections for a particular course. MARS will list all available sections or start with a specific section. Be ready to write down open section information and index numbers.

6 # #

To list open sections not conflicting with your schedule press 1

To begin at a specific section enter index number, * #

To list all non-conflicting sections enter any index number for the course, #

-OR-

To list all open sections press 2

To begin at a specific section enter index number, * # -or-

To list all open sections enter any index number for the course, #

WAITLIST FEATURE:

If the course closed, and you are eligible to take the course, *MARS* will prompt you to be placed on the waitlist for up to six sections. If any of these sections are open, *MARS* will tell you. Please note the section and index numbers.

To enter directly into the Waitlist Feature,

7 # # then

2 INDEX NUMBER # # to add a section to the waitlist

3 INDEX NUMBER # # to drop a specific waitlist section

OR 3 # # to be prompted for dropping waitlist sections

5 # # to list waitlist sections

CANCEL TRANSACTION:

To cancel an entry before the # is pressed enter * * #. [You may then reenter your request.]

RETURN TO MAIN MENU:

9 # #

MARS

maryland automated registration system

12 REGISTRATION

CANCELLATION/REFUNDS/GRADUATION

Cancellation of Registration

Students who register and later decide not to attend the University must CANCEL their registration by January 26, 1998. Failure to cancel registration will result in financial obligation to the University of Maryland even though the student does not attend class.

To Cancel Your Registration on or before January 26, 1998

1. Your cancellation request must be received in writing by:

   Office of the Registrar
   1st Floor, Mitchell Building, University of Maryland
   College Park, Maryland 20742
   or FAX to 301-314-9568

   Since the University can honor only those requests for cancellation which are actually received by January 26, 1998, requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT IDENTIFICATION NUMBER ON ALL CORRESPONDENCE.

2. For additional information concerning cancellation call the Registrar's Office at 314-8240.
3. Cancellation of Housing and Dining Services is a separate process. See page 17 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 12 or more.

PRIOR TO THE FIRST DAY OF CLASSES, JANUARY 26, 1998 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to 11 or less, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to 12 or more, the student will be charged for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, JANUARY 27-FEBRUARY 2, 1998, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eleven or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time tuition and fees and appropriate part-time charges. After the first five days of classes, there is no refund for changing from full-time to part-time status.

Refund Schedule for Drops
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 26, or earlier (prior to the first day of classes) ..... 100% refund.
   There will be no charge for courses dropped prior to this date.
2. January 26- February 2 (first five days of classes) ..... 80% refund.
   There will be a 20% charge imposed for courses dropped during this period.
3. February 3 and after (anytime after the first five days of classes) ..... 0% refund.
   Student will incur full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from January 27-February 9): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional tuition charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal.

After the first ten days of classes (February 10 and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

Candidates for May 1998 Graduation

Deadline to apply for a diploma dated May 1998 ..... February 9, 1998

Both graduate and undergraduate students must apply for a diploma dated May 1998 by February 9, 1998. Diploma applications can be processed several ways. Choose the most convenient for you:

1. MARS - Call the Maryland Automated Registration System at 301-403-0500.
2. Visit a MARS Kiosk located in Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and first floor Mitchell Building.
3. World Wide Web - Use Testudo on the web. www.testudo.umd.edu. Select *Records and Registrations Services*, then *apply for Graduation.*
4. Come to the Registration Counter, first floor lobby, Mitchell Building to complete an application.

Reclassification to In-State Status

If you wish to change your out-of-state classification you may do so by filing a timely Petition of In-State Status. Information sessions will be held on February 3rd and February 5th. The deadline for meeting the twelve month requirements for in-state status and for submitting a petition and supporting documentation is the last day of late registration for the semester you wish to be classified as an in-state student. Requests for retroactive changes in-state status are not granted.

Deadline for Spring 1998 ..... February 9, 1998

It is imperative that students obtain a petition as soon as possible. Late petitions will not be accepted. The volume of petitions for review of eligibility may necessitate a delay in completing the review process. It is to your advantage to apply early. It is hoped that a decision for each case will be made within ninety (90) days of receipt of a complete petition including all necessary documentation.

For residency self-evaluation forms, walk-in hours, petition materials or additional information, please contact:

Residency Classification Office
Room 0405B, Marie Mount Hall
301-405-2030 (Phone)
301-314-9832 (Fax)
e-mail: resclass@deans.umd.edu
Homepage: www.inform.umd.edu/provost/Resclass

Refunds for Special Courses

COOP 098/099, MATH 001, MATH 002—Refunds: A part-time or full-time undergraduate who drops MATH 001 or MATH 002 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% or thereafter. MATH 001 or MATH 002 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy. A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To obtain a refund from your student account you may apply in writing. This can be done by either: (1) addressing a letter to the Office of The Bursar, Lee Building; University of Maryland, College Park, MD 20742, or (2) visiting the office in person: Student Financial Service Center, Lee Building, Room 1135, 8:30 a.m. to 4:30 p.m., Monday through Friday, or (3) you may request a refund by phone. Call MARS 301-403-0500 and start with option #"3" (Financial Information) from the MARS main menu. No credit balance is automatically refunded.

Refunds from payments originally made by cash are ordered from the State Treasurer's Office in Annapolis. They are made payable to the student and take approximately 3 weeks after the refund is requested to be mailed to the students permanent address of record. Students with a credit balance of $100.00 or less may be entitled to a cash refund. Please visit the Student Financial Service Center Office, Room 1135 Lee Building, with an identification card to obtain the cash refund voucher.

Refunds from payment originally made with a credit card must be refunded to the card originally charged. Credit card refunds are processed electronically and take approximately 1 week after the refund is requested. Please include your credit card number and expiration date in your request. A credit receipt will be mailed to the address listed on the refund request.

Spring 1998 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE+	February 9
CANCEL REGISTRATION FOR SPRING 1998	January 26
CANCEL RESIDENT LIFE FOR SPRING 1998 SEMESTER (ON CAMPUS) HOUSING/DINING SERVICES (without cancellation charges)	December 2, 1997
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates for billing purposes)	see penalties for Drops page 12
CHANGE CREDIT LEVEL (Undergraduates) (Graduate Students - April 13)	February 9
DIPLOMA APPLICATION (for May 1998 Graduation and diploma dated May 1998)	February 9
DROP A COURSE (Undergraduates only) * without "W" mark * with "W" mark (4 credit drop limit)	 February 9 April 13
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	see penalties for Drops pages 6 & 12
CHANGE GRADING OPTION (Graduate Students - April 13)	February 9
GRADUATE MAIL-IN REGISTRATION	January 8
GRADUATE STUDENTS - LAST DAY TO ADJUST SCHEDULE (drop, add, change grading option, credit level) • Graduate students do not receive "W"s. They must have a department stamp to add courses after 2/9/98. • Refund period ends 2/2/98. See pages 6 & 12 for specific dates.	April 13
LATE REGISTRATION	February 9

Withdraw From All Courses	Last Day
WITHDRAW WITH 100% REFUND (CANCEL)	January 26
WITHDRAW WITH 80% REFUND	February 9
WITHDRAW WITH 60% REFUND	February 16
WITHDRAW WITH 40% REFUND	February 23
WITHDRAW WITH 20% REFUND	March 2
WITHDRAW WITH 0% REFUND	May 13

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL.
SEE PAGE 17 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., February 9, 1998

+ Late Registration (with $20 fee) begins January 27, 1998.

* a "W" is used to indicate withdrawal from a course in which the student was enrolled at the end of the Schedule Adjustment Period. This mark is NOT used in any computation of quality points or cumulative average totals at the end of the semester.

FULL-TIME STATUS FOR UNDERGRADUATES IS DEFINED AS 12 OR MORE CREDITS

SEE PAGE 35 FOR POLICY

DEADLINES FOR ALL STUDENTS

14 PARKING INFO

Call MARS to register for your Campus Parking Permit

PARKING REGISTRATION INFORMATION

WHO??

All students who plan to attend the University during the Spring 1998 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit or park at a paid meter, or park in a cashier attended area. Permits issued during the Fall semester are valid through August 31, 1998.

WHEN??

You can register for your Spring parking permit through MARS (MARYLAND AUTOMATED REGISTRATION SYSTEM) by calling 301-403-0500, or at a MARS Kiosk.

HOW??

Read all the information below and then call MARS at 301-403-0500. Listen carefully to MARS instructions. When you select the Campus Parking's Application in MARS you will have three choices, (1) to apply for a parking permit for Spring 1998, (2) to listen to information concerning services available through Campus Parking, or (3) apply for a meter debit card. If you register at a MARS Kiosk follow the directions given on each screen.

① Before calling MARS for Parking Application read through and be prepared to answer the following questions:

? Do you want your permit mailed or do you want to pick it up at the DCP Office?
? Are you planning to live in the Graham Cracker Complex?
? Are you planning to live on Fraternity Row?
? Are you planning to live on campus?
? Are you planning to commute to UMCP? *(Junior, Senior & Grad Students be prepared to select a lot)*?
? Will you need a decal for a motorcycle?
? Will you need a decal for a convertible or "jeep" type canvas top vehicle?
? Do you have disabled parking privileges?
? Are you a Golden ID Program Student?

② Call MARS at 301-403-0500. Listen carefully to MARS for application instructions.

NOTE: For your convenience DCP has four direct phone lines to MARS available for your use. These phone are located in the lobby of the DCP Office and are accessible during business hours.

✆ Select CAMPUS PARKING APPLICATION from the MARS Main Menu

✆ Press 1 to apply for parking permit

<u>Please read the information below before applying for your parking permit.</u>

1. Your student account will be charged after you register for parking: The registration fee is $28.00 for commuter permits and $53.00 for campus resident students.

(Additionally, if you purchase a parking meter debit card your student account will be charged $20.00)

2. Students will be assigned a specific parking lot. If you are interested in a particular lot early registration is recommended.

3. Undergraduate and graduate commuter student lot assignment is based on your credit level according to the following chart:

Credit level 0-27	(Freshman)	- Assigned to lot 4
Credit level 28-55	(Sophomore)	- Assigned to lot 4
Credit level 56-85	(Junior)	- Choice of lots 1,4,11, SDG (gated area in new Stadium Drive Garage, Stadium Dr. & Bryd Stadium). Based on space availability.
Credit level 86 +	(Senior)	- Choice of lots 1,4,11, SDG (see above). Based on space availability.
Graduate Students		- Choice of lots 1,4,11, SDG (see above). Based on space availability.

4. Golden Identification students can register through MARS for parking. Golden ID students will automatically be assigned a GI permit which allows parking in lots 1, 4, 5, & 11.

5. Campus residents with 56 or more credits will be assigned a parking lot based on their campus residence address. This includes the Graham Cracker Complex.

6. Campus resident students with 55 or less credits will be assigned a parking lot based on available space.

Fraternity Row	
Credit level 0-27	Assigned to lot 4
Credit level 28-55	Assigned to lot 16 (if available)
North & South Hill, Cambridge, Denton & Ellicott Communities.	
Credit level 0-55	Assigned to lot 2 (if available)
Graham Cracker Complex	
Credit level 0-55	Cannot register through MARS. Contact DCP.

7. You can have your permit mailed to your permanent address or you may select to pick up your permit at the DCP Office beginning January 21, 1998. At this time you will also receive a "Campus Parking Map and Informational Parking Guide." Permits will be mailed on or after January 14, 1998.

8 Students who have disabled parking privileges must register for their regular lot assignment parking permit through MARS and indicate that they have disabled parking privileges . *Read Disabled Parking below for information and instructions.*

9. DCP issues a decal to motorcycles and "jeep" type canvas top vehicles and convertibles. Students may choose to register either a motorcycle or canvas top vehicle, but not both types. Students with these types of vehicles will also receive a hanging permit.

PARKING METER DEBIT CARD

Students can purchase, through MARS, the new pre-paid Parking Meter Debit Card which can be used at any campus electronic meter (located in PG1, PG2, Turner Lab and 1c). This card eliminates the need to put coins in the meter. Just insert the card in the meter and put the amount of time you need on the meter. When you return a refund of unused time, in increments of 30 minutes, can be returned to your card. You can purchase one of these cards for $20.00 (there is a one time nonrefundable $3.00 charge for the card, the actual meter value is $17.00). You can add value to this card (maximum of $50.00) and use it throughout the year(s). If you decide to purchase this card you can pick it up at the DCP office on or after January 21, 1998.

WALK-IN PARKING REGISTRATION

For those students who do not take advantage of registering for a permit through MARS, you may complete the process during Walk-In Registration beginning Monday, December 15, 1997 at the DCP Office during business hours. DCP will have extended business hours from 8:15 a.m. to 6:00 p.m. on Wednesday, January 21, 1998 and Tuesday, January 27, 1998. You will need to show your student ID card. Payment can be made by check, cash, or credit card (MasterCard, Visa, Discover).

DISABLED PARKING

All persons associated with the University (including those displaying a State disabled permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. Only persons for whom the disabled parking privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking area.

BICYCLES AND MOPEDS

Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Securing or parking a bicycle or moped in any manner which would obstruct vehicles or pedestrians is prohibited. A bicycle or moped locked to any part on either side of the railing of an access ramp could make entering or exiting the building difficult or impossible for a person with a disability. Bicycles or mopeds that obstruct an access ramp that is part of an exit are in violation of the Maryland Fire Prevention Code and subject to impoundment.

Please contact the Department of Campus Parking on 301-314-PARK with any questions related to parking on the University of Maryland campus. Business hours of operation are Monday through Friday 8:15 a.m.- 4:00 p.m., excluding University holidays.

EXAM SCHEDULE 15

A final examination shall be given in every undergraduate course. Exceptions may be made with the written approval of the chair, the director or the dean of the department, non-departmentalized school or college as appropriate. However, a student's final course grade shall be based on a combination of assessments that is at least the equivalent of a comprehensive final examination.

No final examination or equivalent may be given or due during the last week of classes. All in-class final examinations must be held on the date and at the time listed in this Official Final Examination Schedule. Out-of-class final examination or equivalent assessments shall be due on the date and at the time listed in this Official Final Examination Schedule.

The University has no policy on the number of finals a student can take on one day. Students are strongly encouraged to check the final exam schedule before registering for courses. For additional information see *Attendance and Assessment* in this Schedule of Classes.

1. SPRING 1998 STANDARD FINAL EXAM TABLE

Exam Time	May 15 Friday	May 16 Saturday	May 18 Monday	May 19 Tuesday	May 20 Wednesday	May 21 Thursday
8:00-10:00	MWF 10	MWF 11 MW 11-12:15	MWF 9 MW 9:30-10:45	MWF 2 MW 2-3:15	MWF 1	MWF 12 MW 12:30-1:45
10:30-12:30	CHEM 103, 104, 113, 113H, 233, 243	TuTh 2 TuTh 2-3:15	TuTh 11 TuTh 11-12:15 BMGT 350	TuTh 12 TuTh 12:30-1:45	MWF 3 MW 3:30-4:45	TuTh 8 TuTh 8-9:15
1:30-3:30	BMGT 221, 311, 424 HEBR 112 SPAN 202	MATH 001, 002, 110, 111, 113, 115, 140, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H STAT 100	BMGT 310, 332, 422 PHYS 161, 263 FREN 101, 102, 103, 203	ECON 200 JAPN 102 PHYS 262	TuTh 9 TuTh 9:30-10:45	CMSC 106 ENES 102, 220 EDMS 451 RUSS 102, 202
4:00-6:00	BMGT 340 MWF 8	BMGT 364 EDMS 410	ECON 201 ITAL 101, 102 CMSC 150, 102	CMSC 103, 214 BMGT 301, 440	NFSC 100 TuTh 3 TuTh 3:30-4:45	BMGT 380 CMSC 114
7:00-9:00	BMGT 220	GERM 101, 102, 201, 202	TuTh 10			TuTh 1

2. SPRING 1998 EXAMS FOR CLASSES BEGINNING AT 4 P.M. & LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. For example, classes scheduled on Tuesday, 4:15-7:00 p.m. have their exams on Tuesday, May 19 at 4:15 p.m. Classes scheduled on Thursday at 4:00 p.m. and later have their final exams on Thursday, May 21. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Tuesday, May 19. Classes that meet both Monday and Wednesday 4:00 p.m. and later should have exams on Monday, May 18. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. SPRING 1998 COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above grid. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

BMGT 220, 221, 301, 310, 311, 332, 340, 350, 364, 380, 422, 424, 440
CHEM 103, 104, 113, 113H, 233, 243
CMSC 102, 103, 106, 114, 150, 214
ECON 200, 201
EDMS 410, 451
ENES 102, 220
FREN 101, 102, 103, 203
GERM 101, 102, 201, 202
HEBR 112
JAPN 102
ITAL 101, 102
MATH 001, 002, 110, 111, 113, 115, 140, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H
NFSC 100
PHYS 161, 262, 263
RUSS 102, 202
SPAN 202
STAT 100

4. SPRING 1998 EXAMS FOR BMGT COURSES NUMBERED 600 & ABOVE

Final examinations for BMGT courses numbered 600 and above do not follow the schedule outlined in sections 1-3 above. These exams are generally three hours in length. Exam dates and times will be announced in class.

16 FEES – SPRING 1998

FINANCIAL INFORMATION

An Important Fee Notice. Although changes in fees will be ordinarily announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees- **(*Includes mandatory fees)**

[1]Full-Time Undergraduate Students, Maryland Residents 2,230.00

[1]Full-Time Undergraduate Students from The District of Columbia and all other states and other countries 5,294.50

PART-TIME UNDERGRADUATES- **(In-state $170.00 per credit hour. Out-of-state $429.00 per credit hour)**

CREDIT HOURS		1	2	3	4	5	6	7	8	9	10	11
*COST	In-state	326.00	496.00	666.00	836.00	1006.00	1176.00	1346.00	1516.00	1686.00	1856.00	2026.00
	Out-of-state	585.00	1014.00	1443.00	1872.00	2301.00	2730.00	3159.00	3588.00	4017.00	4446.00	4875.00

GRADUATE IN-STATE- **$272.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	418.50	690.50	962.50	1234.50	1506.50	1778.50	2050.50	2322.50	2691.50	2963.50	3235.50	3507.50	3779.50

GRADUATE OUT-OF-STATE- **$400.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	546.50	946.50	1346.50	1746.50	2146.50	2546.50	2946.50	3346.50	3843.50	4243.50	4643.50	5043.50	5443.50

*Includes all mandatory fees

Campus Point Plan (Dining Services) ..... Lite 1,124.50
Regular 1,224.50
Plus 1,324.50

Room, University Residence Hall. Maryland Residents/Non-Residents 1,609.00

Telecommunications Fee 28.00

Parking Registration Fee (valid through August 31, 1998) ..... Campus Resident 53.00
Commuter 56.00

Special Mathematics Fee (MATH 001/002) 175.00

Special Engineering Fee (ENCO/009) ..... 60.00[3]

Special COOP Fee (COOP/099) ..... 60.00[3]

Continuous Registration Fee (Doctoral Candidates) 10.00

Late Registration Fee (Beginning January 27, 1998) 20.00

Student Teaching Fee 170.00

Credit by Exam Fee:
All Undergraduate and Full-Time Graduate Students (per course) 30.00
Part-Time Graduate Students (per credit hour) ..... See Above

Audit courses are charged the same as a course taken for credit ..... See Above

Maryland English Institute-Intensive 3797.00

Maryland English Institute-Semi Intensive Program 1898.50

Maryland English Institute-Pronunciation Program 482.00

Maryland English Institute-Fluency Program 642.00

ORIENTATION FEES:
Student One Day 68.00
Student Two Days 97.00
One Parent 35.00
Two Parents 70.00

[1]For billing purposes, Undergraduate Full-Time Status is defined as a registration for 12 credits or more

[2]A Student who has been admitted to the Graduate School will be charged the Graduate Credit Hour fee for all courses regardless of the level of the course

[3]An $18.00 fee will be charged for special course registration. This includes Golden ID courses.

These fees are subject to change

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE SPRING SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents.

Tuition Plan

The University currently sponsors two payment plans for use in paying tuition, room, board and telecommunication fees. Enrollment for 1998-99 begins in April 1998, and applications for the 1998-99 school year will be available beginning in April.

NOTE: Students enrolling in payment plans should deduct all financial aid or be prepared to use aid to reduce the amount owed on a payment plan.

Questions for general information on payment plans can be directed to The Student Financial Service Center at 314-9000.

Tuition Notes

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and the service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration may be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration may be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR DISCOVER. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS CAN ONLY BE ACCEPTED BY CALLING MARS AT 403-0500, AND SELECTING FINANCIAL INFORMATION FROM THE MARS MAIN MENU.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1135 of the Lee Building, or by phoning 314-9000, if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:30 p.m. Monday through Friday. Students may also obtain their account balance by phoning MARS at 403-0500 from a touchtone telephone.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustment, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing and sent to the Office of the Bursar. It is emphasized that any portion of the bill not in dispute must be paid in accordance with the due date on the bill. All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

The state has established, under legislative mandate, a CENTRAL COLLECTION UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit. ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs: incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer past due accounts to the State Central Collections Unit. The minimum collection fee is 17% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $29.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged $12.00. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.

The Student Activities Fee: Refundable upon withdrawal. $23.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates are charged a fee of $12.00. Graduate students are charged a fee of $2.50. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.

The Athletic Fee: Refundable upon withdrawal. $104.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduate and all Graduate Students are charged $27.50. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.

The Shuttle Bus Fee: Refundable upon withdrawal $39.00 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $19.50. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.

The Stamp Union and Recreational Fee: Refundable upon withdrawal $92.50 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $50.00 The Stamp Union and Recreation Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.

The Building Recreation Fee: Refundable upon withdrawal. $70.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $35.00. The Building Recreation Fee is paid into a fund which supports the construction and operation of Ritchie Coliseum and the new Campus Recreation Building.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of the Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.

Undergraduate Application Fee: $45.00 — Charged to all new Undergraduate Applicants. Those who have previously enrolled at the University of Maryland at College Park will not be required to pay the fee.

Graduate Application Fee: $50.00 required of all students.

***Pre-College Orientation Program Registration Fee:** $97.00 (two day program) $35.00 (one parent)
68.00 (one day program) $70.00 (two parent)

Late Registration Fee: $20.00. All students are expected to complete their registration before the first day of classes. Those who do not complete their initial registration prior to the first day of classes will be assessed this fee.

Special Fee for students requiring additional preparation in Mathematics. MATH 001 or MATH 002 — 175.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail a qualifying examination for these courses.)

A student enrolled in MATH 001 or MATH 002 concurrently enrolled for nine or more credit hours will be considered as a full-time student for purpose of assessing fees. Students taking only MATH 001 or MATH 002, pay for three credits plus the special fee. A 3-credit course plus MATH 001 or MATH 002 results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.

Cooperative Education Program in Liberal Arts and Business (COOP 099): $60.00 each

Engineering CO-OP Program (ENCO 099): $60.00 each

Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.

Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.

Student Teaching Fee: All student teachers are required to pay a $170.00 fee for their entire student teaching experience.

Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students.

Vehicle Registration Fee: Commuters $28.00. Residents $53.00. Fee is required of all students registered for classes on the College Park Campus and who drive on campus. Valid through August 31, 1998.

Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $275.00 per semester.

Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.

For checks up to $100.00: $10.00

For checks from $100.01 to $500.00: $25.00

For checks over $500.01: $50.00

When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 17% collection charge is added to the charges posted to the student's account at the time the transfer is made. When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.

Library Charges: $ .35 - Fine for failure to return a book from General Library before expiration of loan period per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day:$.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of book, satisfactory restitution must be made.

Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.

Property Damage Charges: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage will be pro-rated among the individuals involved.

Late Payment Fee: Students who fail to pay the balance due on their account are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

* All orientation charges are under review and are pending approval.

Student Financial Service Center is online at http://comptroller.umd.edu/bursar/

FINANCIAL 17

BILLING/TUITION REMISSION/WITHDRAWAL

Billing Information

Bills for payment of fees are mailed in December and January to students who have registered prior to December 6, 1997 for Spring courses. Payment in full must be made by the dates in the following chart. **Please Note: Dates have changed from First Edition.**

If you registered:	*Payment in full is due:*
by December 6, 1997	**January 9, 1998**
between December 6, 1997 and January 9, 1998	**February 6, 1998**
after January 9, 1998	**in person by February 6, 1998**

NO BILL IS MAILED FOR STUDENTS WHO REGISTER AFTER JANUARY 9, 1998. ALL CHARGES INCURRED AFTER JANUARY 9, 1998 TO FEBRUARY 6, 1998 ARE DUE ON FEBRUARY 6, 1998 WITHOUT EXCEPTIONS. PLEASE CONTACT THE STUDENT FINANCIAL SERVICES CENTER TO VERIFY THE AMOUNT OWED.

Accounts not paid by the appropriate due date are delinquent and subject to the assessment of a late payment of $10.00 or 5%, whichever is higher, and referral to the State Central Collections Unit in Baltimore and/or cancellation of registration. Students with Stafford Loans must pay their bill in full in the event their loan funds have not been received by the University by February 6, 1998.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:30 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check may drop the payment in the Bursar's Mail Remittances hallway drop slot in the Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR DISCOVER CARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. PHONE-IN PAYMENTS CAN BE MADE BY CALLING MARS at 301-403-0500.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after January 9, 1998 will be required to make full payment in person to the cashier by February 6, 1998 to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, PHONE PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions about their bills may obtain print-outs of their financial accounts by coming to Room 1135 of the Lee Building between 8:30 a.m. and 4:30 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collection Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN ADDING A LATE PAYMENT FEE OF $10.00 or 5%, WHICHEVER IS HIGHER PLUS A 1.5% MONTHLY FINANCE CHARGE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 17% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLECTION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THE STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Tuition Remission Policy *(Spouse and Dependent Children)*

The University Board of Regents approved a tuition remission policy in 1990 for spouse and dependent children of permanent employees (50% time or more). The policy provides full tuition for the spouse and dependent children of permanent full time (100%) employees hired before January 1, 1990. The spouse and dependent children of permanent part-time (50% or more) employees will be eligible for tuition remission based on the percent of time on the payroll. Restrictions apply for spouse and dependent children of permanent employees hired on or after January 1, 1990. In addition, tuition remission benefits for the spouses and dependent children of permanent faculty and permanent staff whose period of employment began on or after July 1, 1992 shall be available for a first undergraduate degree only after the faculty or staff member has been in the university services for two years prior to the anticipated date of registration for course work. Courses must be taken at the campus of employment. Forms are available at each campus personnel department. If using the benefit at UM, after obtaining the department head signature, the completed tuition remission form is to be forwarded, in a sealed envelope to the UM Personnel Services Department, Staff Benefits Office no later than December 1, 1997. If the established cap has not been reached by December 1, 1997, all forms submitted to-date will be approved, and forms will continue to be accepted and processed on a first-come, first-served basis until the cap is reached. If the student receiving the tuition remission drops classes or withdraws from the University, all or part of the tuition costs may be charged to the student. Questions regarding tuition remission for the spouse and dependent children of employees can be directed to the Personnel Services Department, Staff Benefits Office, 301-405-5658.

Leave of Absence

A leave of absence is available for students wishing to take time away from the University for personal or academic reasons with the intention of returning the next semester. The leave of absence status is especially helpful for recipients of Federal Financial Aid. The student is not considered to be withdrawn, and is still enrolled for purposes of deferring repayment of federal loans. The leave of absence is only available for the last 60 days of the semester, and the student must return the following semester.

Please note: For students using this for Financial Aid deferment, only one leave of absence can be granted in any 12 month period.

With an approved leave of absence the student may automatically return the next semester, and all registration privileges will be extended. Additional information and forms for applying for a leave of absence are available from the Student Services, Room 1101 Mitchell Building, University of Maryland, College Park, College Park, MD 20742.

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Residence Halls/Dining Services below.

January 27 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form. If unable to report in person, send a letter to Room 1101, Mitchell Bldg. University of Maryland, College Park, MD 20742 or send a fax request to (301) 314-9568
2. Withdrawal becomes effective on the date the form is filed with the Registrar's Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Registrar's Office.
4. Refer to the chart below for refund information. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of tuition and fees for Withdrawal from All Courses

	Resident	Undergraduate Non-resident	Undergraduate
On or before January 26	100%	2230.00	5294.50
January 27-February 9	80%	1784.00	4235.60
February 10-16	60%	1338.00	3176.70
February 17-23	40%	892.00	2117.80
February 24-March 2	20%	446.00	1058.90
March 3 and later	0%	0.00	0.00

NOTES:
1. Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.
2. Students receiving Title IV funds will have their refunds calculated in accordancE with Federal Regulations.
3. In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.
4. Only amounts in excess of the non-refundable enrollment deposit will be refunded.

Cancellation of Residence Halls/Dining Services Agreement

The University will release a student from the *Residence Halls/Dining Services Agreement* prior to claiming services (i.e., keys issued) when written notice has been received by Resident Life's Assignments Office. Please refer to the *"Cancellation & Refund"* section of the *Agreement* for more information about deadlines and cancellation fees, or contact Resident Life's Assignments Office 301-314-2100.

Cancellation of the *Residence Halls/Dining Services Agreement* must be sent directly (Certified Mail suggested) to:

Resident Life Assignments Office
2100 Annapolis Hall
College Park, MD 20742-9819

Note: The $100 Non-Refundable Housing Reservation Fee paid by returning students will not be returned or credited to any outstanding balance owed to the campus.

After a student claims services (i.e., keys issued), charges for housing, dining and resident telecommunications are not refundable unless the student receives written approval for and effectively completes release procedures as stated in the *Residence Halls/Dining Services Agreement* or the *Procedures for Release from the Agreement* brochure.

1. The *Residence Halls/Dining Services Agreement* is for the entire academic year. Therefore, the University will not normally release an individual from the *Agreement* after services are claimed (i.e., keys issued).
2. In some specified cases, however, students may be released from the *Agreement* without incurring financial obligation (beyond occupancy and meal charges) only when Resident Life has received and verified upon a specified date a student's request for release that is based upon the student's withdrawal, graduation, marriage, student teaching, study abroad, co-op work in conjunction with a University-sponsored program, or substantial physical or emotional difficulties (verified by the University) which prevent continued participation in the *Agreement*.

   Such requests for release—effective at the end of the Fall semester or the start of the Spring semester—must have been submitted to Resident Life before 4:30 p.m., December 2, 1997, in order to avoid incurring the charges identified in the *Agreement* in the event the request is approved by Resident Life.
3. Request for release from the *Agreement* which is to be effective Spring 1998 will not be approved after the first scheduled day of Spring semester classes, except for reasons of disenrollment.

Please contact Resident Life's Assignments Office (301) 314-2100 for more information and other criteria that may allow for release from the *Residence Halls/Dining Services Agreement.*

18 FINANCIAL

STUDENT FINANCIAL AID

General Regulations Governing Receipt of Aid

Any student receiving financial aid who is contemplating dropping credits should see his or her Financial Aid Counselor before taking such action. Students receiving certain types of financial assistance are expected to attempt or maintain a minimum semester credit load in order to keep the full aid award (see the *Financial Aid Award Guide* for specifics). Neither credit earned by examination nor courses taken as "audit" can be counted toward the minimum credit level. If the recipient's enrollment level drops below the minimum requirement, the aid is automatically reduced or canceled. The student is then responsible for paying any resulting balance on his or her student account. Failure to pay the balance in a timely manner may lead to assessment of late fees and finance charges, or to severance of services by the University.

A student who has not received final approval of a financial aid award and accepted the award should expect neither a credit on his or her account nor a check at the time of registration. Unless financial aid has been awarded to and accepted by the student, no deferment of the bill will be granted, and the student should be prepared to pay his or her bill by the first day of classes.

Students sponsored by an agency or employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Students who register early will have their bills mailed to them. Students enrolling during Walk-In Registration will complete an estimated bill form at registration time. The following information may be helpful:

1. All accepted aid, except Federal PLUS Loans, Federal Work-Study, and National Merit Scholarships, will be credited directly to the student's account when the student has completed all paperwork to accept the award (see below). Checks for any credit remaining on the account after all charges are paid will be automatically requested for those students receiving financial aid. If awarded financial aid has not been credited on the early registration bill, deduct the approved and accepted financial aid amount for the semester, and pay the remaining balance.
2. The process for getting your refund check has changed. Refund checks will be mailed to your mailing address or electronically transferred to your bank acount, depending upon what arrangements you have made with the Bursar's Office.
3. Dining Hall Workships will be credited to the bill after the recipient signs a Workship contract with Dining Services.
4. Federal Work-Study and other university student employment will be paid to the student bi-weekly as work is performed.
5. Students who are awarded Federal Perkins Loans must sign promissory notes and associated forms each semester in order for the loan funds to be credited to their student accounts. The funds cannot be disbursed if the student has not completed these forms. Students who have accepted Federal Perkins Loans will be contacted by the Office of the Bursar regarding dates and times of promissory note signing sessions, which the student must attend in person each semester.
6. **Students contemplating a withdrawal should consult a Financial Aid Counselor prior to the withdrawal. Aid may be canceled or prorated based on attendance.**

Satisfactory Academic Progress Policy for Financial Aid

The Office of Student Financial Aid is required by federal and state regulations to monitor the academic progress of potential and current financial aid recipients. Applicants must comply with the Satisfactory Academic Progress Policy as a condition of initial or continuing eligibility. The policy described below is new, and became effective June 1, 1996.

Financial aid programs which are affected by the Satisfactory Academic Progress Policy include (but are not limited to) Federal Pell Grant, Federal SEOG, Federal Work-Study, Federal Perkins Loan, the Federal Family Education Loan Programs (Stafford, SLS, and PLUS), UMCP, Frederick Douglass, and UM Scholorships, Guaranteed Access, Educational Excellence, House of Delegates, and Senatorial Scholarships.

Satisfactory Academic Progress for undergraduates is measured in three areas. These areas consist of maintenance of an adequate grade point average, successful completion of a required number of credits per year, and receipt of a degree in a timely manner. Applicants must maintain compliance in all three areas in order to be eligible for financial aid programs. The specific policy requirements of each area are listed below.

1. *Minimum Grade Point Average*

Undergraduate students must maintain the required grade point average necessary to continue as degree candidates at the University of Maryland, College Park. Therefore, they must maintain an academic standing consistent with the University's retention policy as defined by the Registrar and outlined in the Undergraduate Catalog.

Students who are on "Academic Warning" due to their GPA may receive aid. Should a student fall to "Academic Dismissal" status, he or she will be considered ineligible for financial aid until readmitted through the Re-enrollment Office.

2. *Minimum Credit Requirement*

Undergraduate students with less than 30 hours attempted at UM

Non-transfer undergraduate students with less than 30 hours attempted at UM must have successfully completed at least 50% of all hours attempted at UM. Failure to meet this requirement will result in an immediate suspension of financial aid eligibility. A student completion rate above 50% but below 70% will receive a warning.

Any student whose aid eligibility is suspended for failure to meet satisfactory academic progress standards has the right to submit a written appeal if there are mitigating circumstances.

Undergraduate students with more than 30 hours attempted at UM

All undergraduate students with more than 30 hours attempted at UM must have successfully completed at least 70% of all hours attempted at UM. Failure to meet this requirement will result in a warning after the first occurrence and suspension of financial aid eligibility if the requirement is not met after two consecutive years.

Any student whose aid eligibility is suspended for failure to meet satisfactory acacemic progress standards has the right to submit a written appeal if there are mitigating circumstances.

What counts and what does not

Successful credits which do count toward the Minimum Credit Requirement are those courses graded with "A", "B", "C", "D", "S", or "P". Withdrawn ("W" grades), Incomplete ("I" grades), No Grade ("NG" grades), Fail ("F" grades), Unsatisfactory ("U" grades) and Audit courses do not count toward the Minimum Credit Requirement. Non-credit remedial courses do count toward the Minimum Credit Requirement, provided that the classes are required for the student's degree program. Repeat courses do not count if the classes are taken to improve passing grades, but do count if the classes are taken to replace failing grades.

Identification and handling of violators:

Probation: The OSFA will review the academic progress of all university students that apply for federal aid. Students who show a deficiency in the Minimum Credit Requirment will be notified that they are ineligible for financial aid or that they have been placed on Satisfactory Academic Progress Probation. This notification will be mailed to students before the next fall semester's open registration period.

If a student is placed on Probation, he or she **will** be allowed to receive financial aid for the next academic year. At the end of the probationary year, the student must meet the **Minimum Credit Requirement.** Students who fail to meet the Minimum Credit Requirment at the end of the probationary year will be placed on Satisfactory Academic Progress Suspension.

Suspension: A student whose eligibility has been suspended may not receive assistance until he or she **makes up the full credit deficit** with courses at UM at his or her own expense. When the student meets the Minimum Credit Requirement, financial aid eligibility will be reinstated.

Appeals:

If a student is placed on Probation, he or she does not need to appeal, because financial aid eligibility has not been revoked. Provided the student successsfully makes up any credit deficiency, he or she will automatically be taken off Probation.

OSFA has an appeal process that should be followed if a student is placed on suspension of aid eligibility and there were extenuating cirumstances that caused the violation of the Minimum Credit Requirement. Extenuating cirumstances are defined as environmental conditions that are outside of the student's control. Any extenuating circumstance should be referenced with third-party documentation. Applications for a Satisfactory Academic Progress Appeal are available from the Financial Service Center or from Financial Aid Counselors.

3. *MaximumTime Frame*

Undergraduate students must earn their degree, regardless of their program of study, within their **first one hundred-eighty (180) attempted credit hours.** Students who have not earned a degree within their first 180 attempted credits, whether they received financial aid or not, must attempt any additional credits at their own expense.

Transfer Credits

Students who transfer to the University will have the transfer credits that fulfill their UM degree requirements count toward the Maximum Time Frame limit. Students who transfer a large number of credits to UM will have no more than sixty credits count toward the Maximum Time Frame.

Violators of the Maximum Time Frame cannot receive traditional financial aid until they successfully complete their current degree programs and become accepted into new programs.

Appeals

There is very little flexibility in the Maximum Time Frame. However, students who feel that their individual circumstances warrant review should make an appointment to speak with their Financial Aid Counselor for advice on how to appeal.

Questions

Students who have questions regarding this policy for Satisfactory Academic Progress for financial aid eligibility should contact their Financial Aid Counselor. 301-314-8313.

Contact Financial Aid

Online at http://www.inform.umd.edu/FIN/ to:

- Check your loan status
- Check your bill
- Check your financial aid status
- Complete your loan entrance interview
- Find a workstudy job
- E-mail us (umfinaid@umdacc.umd.edu)
- Search for scholarships

LEARNING OPPORTUNITIES 19

ACADEMIC INFORMATION TECHNOLOGY SERVICES

Non-Credit Training Courses (Spring 1998)

Academic Information Technology Services offers a series of training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g., the PC, Macintosh and Sun microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.
The classes include: Introduction to Windows 95, Introductory, Intermediate and Advanced WordPerfect, Introductory and Intermediate Excel, Introductory and Intermediate Unix, Introduction to Macintosh, and Introductory Microsoft Word, PowerPoint and PageMaker. Additional classes on Internet Technologies (including e-mail, ftp, and listserv), Web Surfing, Web Searching and Evaluation, HTML, and Mathematica are also offered. Instructors for the classes are computer experienced students. Call 301-405-2940 for scheduling information, or drop by *aITs* room 1400 to register for classes. There is a $10 fee for each class and many classes have prerequisites.

WAM Labs

Workstations at Maryland (WAM) labs are Academic Information Technology Services operated open workstation labs equipped with PC, Macintosh, and SPARCstation workstations, operated as stand-alone systems or connected to remote computer systems. All of the labs have one or more Hewlett Packard 600 dpi laser printers to which students, with print authorization, can direct printed output. These labs are open to anyone in the College Park university community and most are open 24 hours daily, or as posted, during the regular university semester.

WAM lab locations and hardware and software availability are noted in the free handout, "Where to Go to Use a Computer" (available from the *aITs* Information Technology Library, *aITs* room 1400 or electronically at http://www.inform.umd.edu/WhereToGo). Color Apple scanners and scanning software can be found in the EPSL, Hornbake, Parking Garage II, and Worcester WAM labs. Students with floppy disks will find 5.25" drives in the Centreville and Parking Garage II labs.

Students can also apply for free computer accounts (called WAM accounts) that will give them access to electronic mail and networked file storage. From any networked computer, telnet to wam.umd.edu and type register at the login id. A series of onscreen directions and prompts will lead students through the electronic registration process.

Centreville, room 0200	open 24 hours daily	IBMs, Macintoshes, SPARCstations
aITs, rooms 3330, 3332, 4352	7am-2am daily	IBMs, Macintoshes, SPARCstations
EPSL, Math room 2403	open Library hours	Macintoshes, SPARCstations
Hornbake, room 0300	open 24 hours daily	IBMs, Macintoshes
Parking Garage II, room 0504	24 hours daily	IBMs, Macintoshes, SPARCstations
Worcester, room 0111	24 hours daily	IBMs, Macintoshes, SPARCstations

A. JAMES CLARK SCHOOL OF ENGINEERING

Engineering Co-op & Career Services 1137 Engineering Classroom Building, (301)405-3863, co-op@eng.umd.edu (e-mail), www.coop.engr.umd.edu (web site)

Whether it's to wire robots in a car plant, monitor a waste water management project, or reformulate cough syrup for a pharmaceutical company, our office assists students in finding cooperative education, internship, summer, and part-time engineering positions.
Cooperative Education, Internships, and Summer Employment:
Through the Cooperative Education (Co-op) Program, students alternate semesters of full-time work and full-time study for approximately 50 weeks of work. Students are eligible to participate after near completion of their sophomore engineering requirements. Through the summer and part-time internship programs, students work full-time during the summer or part-time during the school year. Both programs provide students the opportunity to gain professional level experience, integrate theory and practice, confirm career choices, and help finance their education.

Application Process: To apply, students attend an orientation session and complete a TERP Disk that includes their resume. Workshops on completing the disk and interviewing skills are offered weekly. All students also receive a comprehensive handbook and a monthly newsletter that highlights job search tips, student work experiences, and office announcements.

Job Listings and On-Campus Interviews: All open positions and all on-campus interview schedules are posted on our 24-hour, on-line job listing system, TERP Online. This system is accessible through our home page on the World Wide Web. In addition, students have the opportunity to meet employers by participating in our job and career fairs.

COLLEGE PARK SCHOLARS PROGRAM (CPS)

(http://www.inform.umd.edu/EdRes/Colleges/SCHOLAR/)

CPS was developed to acquaint first and second-year students with the rich texture of academic life at the university. The program encourages students who share common intellectual interests to study together in courses organized around common themes and to live together in selected resident halls. CPS provides a focus for study, advising, and a variety of educational and social activities. Upon the successful completion of the program, the university will recognize the student's participation with a citation and an official notification on the student's transcript. If you are interested in the program or want more information about a particular program, please contact the programs directly:

- **CPS Executive Director, Dr. Katherine McAdams, 301-314-2777**
- **CPS Advocates for Children, Dr. Al Gardner, Director, 301-314-5909**
- **CPS American Cultures, Dr. Jo Paoletti & Dr. Robyn Muncy, Co-Directors, 301-314-1513**
- **CPS Artists, Edward Walters, Director, 301-405-0522**
- **CPS Environmental Studies, Dr. Eileen McLellan, Director, 301-314-1519**
- **CPS International Studies, Dr. Lois Vietri, Director and Dr. Dorith Grant-Wisdom, Associate Director, 301-405-0529**
- **CPS Life Sciences, Dr. Lee Hellman, Director, 301-405-0528**
- **CPS Public Leadership, Nance Lucas, Director, 301-314-8657**
- **CPS Science, Discovery and the Universe, Dr. Lucy McFadden, Director, 301-314-9576**
- **CPS Science, Technology, & Society, Dr. Charles Striffler, Director, 301-405-0527**

COMMUNITY SERVICE PROGRAMS

Community Service Programs serves as a clearinghouse of information about community service opportunities in the Washington metropolitan area. A computerized database provides up-to-date information about volunteer opportunities for individuals and groups. An extensive series of handouts, a monthly newsletter, and a computerized list-serv featuring volunteer opportunities are also available. The office is located in Commuter Affairs and Community Service, 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. with extended hours on Wednesday until 8:00 p.m. For more information call 301-314-CARE or visit the web site, http://www.inform.umd.edu/CSP.

CONSORTIUM OF UNIVERSITIES OF THE WASHINGTON METROPOLITAN AREA

The Consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland, College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "resident" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduate or undergraduate student may participate in this program according to the following stipulations.

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.
c. Continuing Education courses cannot be taken through the Consortium program.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for University of Maryland, College Park Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other Consortium schools.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at University of Maryland, College Park may not be taken through the Consortium.

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable University of Maryland, College Park department if the course is outside the major department.
   c. The student's dean.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at University of Maryland, College Park may not be taken through the Consortium. The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for University of Maryland, College Park Students

1. Contact the Consortium Coordinator at the institution to be visited. This will determine if the course is open to Consortium students and if there are any special conditions, e.g., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the Consortium Coordinator, Room 1101 Mitchell Bldg. 301-314-8239 to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the University of Maryland, College Park Consortium Coordinator. Permission will not be granted if a comparable course is offered at University of Maryland, College Park.
4. Pass/Fail or audit grading options are not permitted for Consortium courses.
5. A Consortium Registration Form will be filled out with the Consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.

8. If the course is cancelled or if you change or drop the course, immediately contact the Consortium coordinator at the University of Maryland.
9. University of Maryland course change deadlines apply for students visiting other Consortium institutions.
10. Grades earned by University of Maryland, College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.
11. Courses taken for credit through the Consortium in the student's final thirty hours must have prior approval from the student's college dean.

NOTE - 1) Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.
2) Only a maximum of 16 credits of ROTC course work may be applied toward a College Park degree.

B. Procedure for Visiting Students

Students from other Consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, January 27, 1998, for the Spring semester. Visiting Consortium students are not eligible to register for Instructional Television, Continuing Education, or professional education courses.

Students will be expected to meet all course prerequisites of University of Maryland, College Park. Also, prior approval will be required for courses restricted to special University of Maryland, College Park majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see "How to Read Course Listings." Visiting students must register at both their home campus and at University of Maryland, College Park.

1. Contact the University of Maryland, College Park Consortium coordinator at 301-314-8239, room 1101 Mitchell Bldg.
2. Fill out a Schedule Request form with requested courses. A visiting student cannot audit any University of Maryland, College Park courses.
3. Present the third copy of the Consortium Registration Form completed by your home campus to the University of Maryland, College Park coordinator.
4. The coordinator will officially register you for the University of Maryland, College Park courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
5. If the course is cancelled, or if you change or drop the course, immediately contact the Consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	January 20
Catholic University	January 12
Gallaudet University	January 20
George Mason University	January 19
George Washington University	January 12
Georgetown University	January 12
Howard University	January 8
Marymount University	January 7
Mount Vernon College	January 12
Tinity College	January 13
University of the District of Columbia	January 12
University of Maryland, College Park	January 27

GOLDEN IDENTIFICATION CARD PROGRAM

The University of Maryland participates in the Golden Identification Card Program. This program allows eligible senior citizens to take advantage of the wide variety of course offerings. To be eligible for participation the individual must be 60 years of age or older, a legal resident of the State of Maryland and retired (not engaged in gainful employment for more than 20 hours a week). Application is made through the Office of either Undergraduate or Graduate Admissions. The appropriate application fee will be assessed; tuition is waived. A fee of *$104.50 is charged each semester. This fee is the same fee that is charged to all part-time undergraduate students less the health, student activities, and athletic fees. Golden ID students register on a space available basis for a maximum of three courses during the first week of classes. Golden ID students must meet all course prerequisite and co-requisite requirements. The Golden Identification Card, with a current semester registration card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non-academic services. Such services will be available during any session only to persons who have registered for one or more courses for that session. Golden ID students are not eligible for Consortium courses or Continuing Education.

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising. Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 301-314-8385, or the Golden ID Student Program, 1st Floor Mitchell Bldg. 301-314-8219. **Fee at time of publication*

INTER-INSTITUTIONAL REGISTRATION PROCEDURES

Undergraduate students have the opportunity to take courses at other University of Maryland System Institutions (host institution) to augment their degree program at University of Maryland, College Park (home institution) under the Concurrent Inter-Institutional Registration program. Students may take courses at the system schools listed below provided they meet requirements of the program.

System Institutions Include:

Bowie State University
Coppin State College
Frostburg State University
Salisbury State University
Towson University
University of Baltimore
University of Maryland, Baltimore
University of Maryland, Baltimore County
University of Maryland, College Park
University of Maryland Eastern Shore

NOTE: Inter-Institutional Concurrent Registration is not available at University College for University of Maryland, College Park Students.

Program Requirements:

To participate in the program University of Maryland, College Park students must:

a. have sophomore standing
b. be in good academic standing
c. be enrolled full-time in a degree program at University of Maryland, College Park for the semester in which the course(s) are taken. Full-time status is defined as a combination of credits registered for at College Park, and the registered credits at the host institution.
d. have approval from their dean for the course to count as resident credit
e. comply with the host institution's registration procedures and deadlines

Enrollment in courses is on a space available basis and visiting students are expected to meet prerequisites or other criteria set by the host institution. Tuition and fees are paid at the home institution, however, fees at the host institution associated with special courses may be assessed. Continuing Education courses cannot be taken.

Registration Procedures:

1. Obtain an Inter-Institutional Registration form from the Special Programs Coordinator in Room 1101 Mitchell Building.
2. Complete form and have course approved by your college dean.
3. Return form to Special Programs Coordinator for verification and approval. Retain a copy of the approval form for registration at the host institution. (The Special Programs Coordinator can provide information about registration dates and times at other University of Maryland System institutions.)
4. Contact the program coordinator/registrar at the host institution to inquire about and arrange for registration. Registration will be according to the host's institutional policies and deadlines. Special permits, parking or other fees at the host institution are the responsibility of the student.
5. Upon completion of the course, the host institution will forward an official transcript to the home institution reflecting the grade(s) earned in the course(s) taken there. The Office of the Registrar will post the grade(s) to the student's record and note that the course(s) were taken as part of the Inter-Institutional program, and where. Course grades will be calculated in the student's g.p.a. and academic totals at University of Maryland, College Park.

Complete procedures can be found on the University of Maryland System, Application for Inter-Institutional Enrollment form available from Jeff Bowling, Special Programs Coordinator, Room 1101, Mitchell Building, 301-314-8239.

ROTC

ROTC courses are available to University of Maryland students through several programs:

University of Maryland, College Park classes

- Air Force ROTC

Contact Col. Newton at 301-314-3245 for program information.

D.C. Consortium Program

- Navy ROTC at George Washington University
- Army ROTC at Georgetown University

Registration is through the D.C. Consortium Program. Contact University of Maryland Consortium Coordinator at 314-8239
(Note - a maximum of 16 credits of ROTC courses may be applied toward a College Park degree)

Concurrent Inter-Institutional Registration

- Army ROTC at Bowie State University campus
- Army ROTC through Bowie State (these classes are offered on the College Park campus, but taught by Bowie State instructors). Contact Major Baker, 301-464-6692 at Bowie State for program information.

Registration is through the Inter-Institutional program that includes University of Maryland System Schools. Contact the Special Programs Coordinator at 314-8239.

STUDY ABROAD

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.

Study in London—The curriculum consists of courses in the humanities, business, social sciences and sciences. Students are able to live in dorms, in flats with other program participants or with a British family to increase their immersion in British life.

Semester in Spain - Offers Spanish language and culture studies at the University of Alcala de Henares. Students may also enroll in an internship, or in a course in Spanish Literature, Business or Civilization. Spring Semester.

Study in Israel—Offers a semester of study in Israel. Students attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East Studies, fall and spring semesters.

Study in Denmark—The curriculum offers courses in English focusing on humanities and social sciences, engineering, international business and marine environmental studies. Students are housed with families or in dorms.

Study in Brazil—Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Study in France—This program offers special courses in French for foreigners or regular courses at the University of Nice for a full year or spring semester.

Study in Italy—Students take courses at the American University of Rome. Classes in English. Fall and Spring semesters.

Maryland in Mexico City—Spanish language and Latin American studies, fall and spring semester.

German and Engineering—As part of a dual degree program, students spend six months in Germany or outside Europe studying the language and completing an internship with an engineering company.
January Session in Denmark - Sponsored by College Park Scholars, this English-language program focuses on contemporary European issues, including European integration/disintegration, the European Union and environmental policy and problems.
Summer programs—For 1998 the following will be offered: Study architecture in Europe. Improve your language skills by studying German language in Kassel, Germany . Spanish language in Taxco, Mexico, and advanced Spanish language in Madrid, Spain. Participate in landscape architecture fieldwork in Costa Rica.
Maryland Exchanges—There are exchanges with schools in England, Japan, Korea, Austria, Sweden, Spain and Germany. All require at least two years of appropriate language or subject study and a 3.0 G.P.A.; many offer tuition scholarships. Special exchanges are offered for engineering and business students.

FOR INFORMATION CONTACT: Study Abroad Office, 3125 Mitchell Building, 301-314-7746.
e-mail: studyabr@deans.umd.edu. URL: http://www.inform.umd.edu/INTL/studyabroad

SENIOR SUMMER SCHOLARS PROGRAM

Would you like to work on a research project on your own this summer? Apply for the Senior Summer Scholars Program.

The Senior Summer Scholars Program is a competitive program which awards a $2000 stipend to upcoming seniors to work on a research project during the summer. Approximately 30 students are chosen as Senior Summer Scholars each year.

Who is eligible?

- Students who will have completed a minimum of 86 credits by the start of the Fall 1997 semester.
- Students of all majors and disciplines!

How does one apply?

- Decide on a research project. Make sure it is of reasonable scope.
- Find a faculty member to serve as your mentor.
- Pick up a three part application form in room 2130 Mitchell Building.
- Applications consist of a research proposal, a copy of your transcript, a letter of recommendation from your faculty mentor, and a letter of recommendation from another faculty member.
- Turn in completed application by Friday, March 21, 1998.

For more information, stop by 2130 Mitchell Building. Start planning now!

UNDERGRADUATE RESEARCH ASSISTANCE PROGRAM

Interested in Research, but don't have a lot of time?? Try URAP.

The Undergraduate Research Assistance Program provides opportunities for students to work closely with faculty from across the University on their research projects. URAP students provide 4-6 hours/week of time.

What do you get?

- An introduction to research in an area of interest to you
- Close contact with a faculty member
- A notation on your transcript that includes the title of your project

Where can you get more information?

- Check out our website at http://www.inform.umd.edu/ugst/URAP
- Drop by 2130 Mitchell Building to pick up a booklet containing hundreds of projects with faculty interested in working with you
- Come to the URAP Forum to be held in early February. Check the website or stop be 2130 Mitchell for information on the date, time and place of forums.

Juniors - Start thinking about NEXT summer now! Senior Summer Scholars provides a stipend for full time research projects in Summer 1998. Come to the Summer Scholars Forum in early October to find out what the Seniors have accomplished during their summer break. Day and time will be announced in the Fall. Look for signs!

URAP-aITS AWARD

A competitive award sponsored by Academic Information Technology Services and the Office for Undergraduate Studies for URAP students using computers and information technology in their projects.

For URAP students doing projects that make innovative or creative use of computers and information technology. Up to two $500 awards will be given each semester. Applications are available in room 2130 Mitchell Building.

WORLD COURSES FOR SPRING 1998

The Undergraduate Program at University of Maryland, College Park has embarked on a novel educational initiative to offer unique interdisciplinary courses to first and second year students. These courses, called the World Courses, are broad in concept, cross-disciplinary, contemporary, and exciting. They are focused on big issues of the world in which we live, and will be team-taught by outstanding teachers. The World Courses are approved for CORE Distributive Studies credit in the appropriate categories, and are designed to meet twice a week as a large lecture (with approximately 150-200 students) and once a week in 25-student discussion sessions. During Spring 1998 the following World Courses will be offered:

UNIV 148A TOPICS IN CULTURAL PERSPECTIVES: THE INDIVIDUAL VS. SOCIETY IN CHINA AND THE U.S. 3 credits; no prerequisites.

Students may use UNIV 158A to satisfy ONE of either CORE Humanities (HO) or CORE Behavioral and Social Sciences (SB), not both. UNIV 158A also fulfills the CORE Diversity requirement (D).

Ongoing international debates frequently center around issues related to the rights of the individual: human rights, political rights, intellectual property rights, and the role of law in society. In these debates, conflict between China and the United States over these issues has affected all aspects of Sino-U.S. relations. This course proposes to show the connections and distinctions between the U.S. and Chinese cultures by examining, in particular, the Chinese view of the individual within society and the way this view is expressed in language, psychology, behavior, and science. The course will be led by outstanding professors from the University's Departments of Speech Communication, Physics, and Asian and East European Languages and Cultures.

There will be two lectures and one discussion session per week. Please see listing under UNIV 158A in the course listing section of this Schedule.

UNIV 158A TOPICS IN COMMUNICATIONS: COMMUNICATION IN THE INFORMATION AGE 3 credits; no prerequisites. CORE Humanities (HO)

The information age has led to an "explosion" of messages communicated through print and non-print media. More than ever, individuals need the critical foundation to process these messages. The goal of this course is to prepare students to think, listen, and read critically as a means of accessing, evaluating, and using information received from print and non-print sources (newspapers, magazines, Internet, radio, television). The course will be led by outstanding professors from the University's College of Journalism, College of Library and Information Services, and Department of Speech Communication.

There will be two lectures and one discussion session per week. Please see listing under UNIV 148A in the course listing section of this Schedule.

PBIO/METO/GEOL/GEOG 123 CAUSES AND IMPLICATIONS OF GLOBAL CHANGE 3 credits; no prerequisites.
CORE Physical Sciences, non-lab (PS)

This course offers a unique opportunity for in-depth study of two global change issues from different scientific perspectives. Faculty integrate the physical, chemical, geological and biological sciences to understand ozone depletion and global warming. Students will gain an understanding of the basic scientific issues, as well as an appreciation of their economic, social and political effects. The course will be led by outstanding professors from the University's Departments of Plant Biology, Meteorology, Geology, and Geography.

There will be two lectures and one discussion session per week. Please see listing under PBIO/METO/GEOL/GEOG 123.

22 CORE

CORE *Program*

Office of the Dean for Undergraduate Studies
2130 Mitchell Building
301-405-9359

Check **CORE Online** for CORE course lists and information at:
http://www.inform.umd.edu/GenEd

The CORE Liberal Arts and Sciences Studies Program (CORE) is the University of Maryland's set of general education requirements that all undergraduates must complete in addition to their major, department, and college requirements. The CORE requirements are outlined below, followed by the approved CORE course list (current as of September 1997). Please note that this is a comprehensive list; **courses offered during Spring 1998 appear in boldface type.** See page 21 for World Course descriptions.

ADDITIONAL RESOURCES:

- **CORE Online at: http://www.inform.umd.edu/GenEd**
- **CORE 101 - A Student Guide to the CORE Program** and the **CORE Academic Record Keeper** (available at your advising office during and after Orientation and at The Office of Undergraduate Studies, 2130 Mitchell Building).
- **Undergraduate Catalog**

NOTE:

- If you earned 9 or more credits before May, 1990 that will count toward your undergraduate degree from the University of Maryland, you may need information about earlier general education programs. Please refer to the Undergraduate Catalog or CORE Online.

COURSES USED TO FULFILL CORE REQUIREMENTS:

MUST be selected from the approved CORE course list.
MAY also be used to satisfy college, major, and/or supporting area requirements if the courses also appear on CORE Fundamental or Distributive Studies lists.
MAY NOT be taken on a Pass-Fail basis.

1. ONE COURSE IN INTRODUCTION TO WRITING

[Must be attempted within first thirty credits and passed within first 60.]

Approved CORE Introduction to Writing Courses:

ENGL 101	**Introduction to Writing**
ENGL 101A	**Introduction to Writing** (Students must take ENGL 101A rather than ENGL 101 if their TSWE score [a subscore of the SAT verbal] is 33 or below.
ENGL 101H	**Introduction to Writing** (Honors Students)
ENGL 101X	**Introduction to Writing** (Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following: **(1)** 550 or above on the TOEFL, **OR** **(2)** 220 or above on the Maryland English Institute Program (MEIP) Exam administered at the College Park campus by the Maryland English Institute (MEI), **OR** **(3)** successful completion of the MEI's semi-intensive course in English.

Note: Based on TOEFL or MEIP scores, students may be required to complete English language instruction for non-native speakers through the MEI before being allowed to register for ENGL 101X.)

Exemptions from Introduction to Writing:

* AP English Language and Composition Exam, score of 4 or 5, **OR**
* SAT verbal score 670 or above (In April 1995, the Educational Testing Service recentered the scores on the SAT. If taken before April 1995, one must receive a score of 600 or above to be exempt from Freshman Writing. This recentering does not reflect a raising of the requirement for exemption, but a change in the scoring system which the ETS uses.)

2. ONE COURSE IN MATHEMATICS

(Must be attempted within first thirty credits and passed within first 60.)

Approved CORE Fundamental Studies Mathematics Courses:

MATH 110	**Elementary Mathematical Models**, or
MATH 113	**College Algebra with Applications**
MATH 115	**Pre-calculus**, or
	Any 100 or 200 level MATH or STAT course except MATH 210 and MATH 211

Exemptions from Mathematics:

* SAT Math score 600 or above; **OR**
* College Board Achievement Test in Mathematics, Level I or II, score of 600 or above; **OR**
* AP score of 3 or above in Calculus AB or BC; **OR**
* Any CLEP Subject Examination in Mathematics score 60 or above.

3. ONE COURSE IN PROFESSIONAL WRITING

(after 56 credits).

Approved CORE Professional Writing Courses:

(select the appropriate course based on requirements or interests)

ENGL 391	**Advanced Composition**
ENGL 391H	Advanced Composition (Honors Students)
ENGL 391X	**Advanced Composition** (English as a Second Language [ESL])
ENGL 392	**Advanced Composition** (pre-law)
ENGL 393	**Technical Writing**
ENGL 393H	Technical Writing (Honors students)
ENGL 393X	**Technical Writing** (ESL)
ENGL 394	**Business Writing**
ENGL 395	**Technical Writing** (pre-med and health careers)

Exemption from Professional Writing:

**Grade of "A" in ENGL 101 (NOT ENGL 101A or ENGL 101X), except for students majoring in Engineering. All engineering students must take ENGL393.*
NOTE: No exemption from the Professional Writing requirement will be granted for achievement on SAT verbal exam. Professional Writing courses cannot be used to fulfill Advanced Studies requirements.

CORE DISTRIBUTIVE STUDIES 9 COURSES

1. THREE COURSES IN HUMANITIES AND THE ARTS

* One course from **Literature** list, and
* One course from **History or Theory of the Arts** list, and
* One more course from **Literature**, **OR History or Theory of Arts**, **OR Humanities** lists

2. THREE COURSES IN MATHEMATICS AND SCIENCES

* Up to two courses from **Physical Sciences** list, and
* Up to two courses from **Life Sciences** list, and
* Up to one course from **Mathematics/Formal Reasoning** list

*Notes: One course **MUST** include or be accompanied by a lab taken in the same semester. More than one lab course may be taken. All three courses may be selected from the science lists.*

3. THREE COURSES IN SOCIAL SCIENCES AND HISTORY

* One course from **Social or Political History** list, and
* Two courses from **Behavioral and Social Sciences** list

CORE ADVANCED STUDIES 2 COURSES (6 CREDITS)

* Two upper-level (300-400 level) courses (outside major after 56 credits). Students may substitute a CORE-approved senior capstone course (in major after 86 credits), or a senior or honors thesis for ONE of the two required advanced studies courses.

The following may NOT be used to fulfill Advanced Studies requirements: *Professional Writing courses (courses that meet the CORE and USP Fundamental Studies upper-level writing requirement); courses used to meet Distributive Studies requirements; internships, practica, or other experiential-learning type of courses. If you have questions please call the Office of Undergraduate Studies at 405-9359.*

CORE HUMAN CULTURAL DIVERSITY 1 COURSE

Cultural Diversity courses focus primarily on: (a) the history, status, treatment, or accomplishment of women or minority groups and subcultures; (b) non-Western culture, or (c) concepts and implications of diversity.

Note: A number of CORE Cultural Diversity courses also satisfy CORE Distributive Studies requirements or a college, major, and/or supporting area requirement.

CORE Codes

The following CORE Codes appear in the headings of the course lists below and designate the CORE requirement(s) met by each course. These codes also appear in the individual course listings when they appear later in the Schedule, where they have the same meaning.

CORE Distributive Studies:

HL	Humanities and the Arts - LITERATURE
HA	Humanities and the Arts - HISTORY OR THEORY OF THE ARTS
HO	Humanities and the Arts - HUMANITIES
PS	Mathematics and the Sciences - PHYSICAL SCIENCES (NON-LAB)
LS	Mathematics and the Sciences - LIFE SCIENCES (NON-LAB)
MS	Mathematics and the Sciences - MATHEMATICS OR FORMAL REASONING (NON-LAB)
PL	Mathematics and the Sciences - PHYSICAL SCIENCES (LAB)
LL	Mathematics and the Sciences - LIFE SCIENCES (LAB)
ML	Mathematics and the Sciences - MATHEMATICS OR FORMAL REASONING (LAB)
SH	Social Sciences - SOCIAL OR POLITICAL HISTORY
SB	Social Sciences - BEHAVIORAL AND SOCIAL SCIENCE

CORE Advanced Studies
CS CAPSTONE

CORE Diversity:
D DIVERSITY

APPROVED CORE COURSE LIST

Not all approved courses are offered each semester. For courses scheduled to be offered in the current semester, check course listings. The list is correct as of press time; however, offerings are subject to change.

CORE FUNDAMENTAL STUDIES *3 courses*

*PLEASE REFER TO **CORE OUTLINE** FOR COURSE REQUIREMENTS AND EXEMPTIONS.*

CORE DISTRIBUTIVE STUDIES *9 courses*

1. *Students meeting CORE requirements must select courses from the CORE lists only.*
2. *Please consult the **Undergraduate Catalog** and the **CORE 101** for additional information on requirements, prerequisites, etc.*
3. *In the following CORE Distributive Studies list, courses noted "(D)" also meet the CORE Diversity Requirement.*

Humanities & the Arts - *3 courses*

CORE Literature: (CORE CODE: HL)

CHIN 213	**Chinese Poetry into English: Intro. (D)**
CLAS 100	Classical Foundations
CLAS 170	**Greek and Roman Mythology**
CLAS 270	Greek Literature in Transl'n
CLAS 271	**Roman Literature in Transl'n**
CMLT 235	**Intro. to Lit. of the African Diaspora (also as ENGL 235) (D)**
CMLT 270	**Global Literature and Social Change (D)**
CMLT 275	**World Lit. by Women (also as WMST 275) (D)**
CMLT 277	**Literature of the Americas (D)**
ENGL 201	**Western World Lit.: Homer to the Renais.**
ENGL 201H	Western World Lit.: Homer to the Renaissance (also as HONR 258Q)
ENGL 202	**Western World Lit., Renaiss -Present**
ENGL 202H	**Western World Lit., Renaiss -Present (also as HONR 238C)**
ENGL 205	**Intro. to Shakespeare**
ENGL 205H	Intro. to Shakespeare (also as HONR 258K)
ENGL 211	**English Lit. from Beginnings to 1800**
ENGL 212	**English Lit. from 1800 to the Present**
ENGL 221	**American Lit.: Beginning to 1865**
ENGL 222	**American Lit.: 1865 to the Present**
ENGL 234	**Intro. to African-American Lit. (D)**
ENGL 235	Intro. to the Lit. of the African Diaspora (also as CMLT 235) (D)
ENGL 240	**Intro. to Fiction, Poetry and Drama**
ENGL 241	**Intro. to the Novel**
ENGL 242	**Intro. to Non-Fiction Prose**
ENGL 243	**Intro. to Poetry**
ENGL 244	**Intro. to Drama**
ENGL 250	**Intro. to Lit. by Women (also as WMST 255) (D)**
ENGL 277	**Mythologies: An Introduction**
FREN 240	Masterworks of French Lit. in Transl'n
FREN 241	Women Writers of French Expres. in Transl'n (also as WMST 241) (D)
FREN 242	**Black Writers of French Exp. in Transl'n (D)**
FREN 250	**Readings in French**
GERM 281	Women in German Lit. and Society (also as WMST 281) (D)
GERM 282	Germanic Mythology
GERM 283	**Viking Culture & Civilization (formerly GERM 383)**
GERM 284	German Chivalric Culture (formerly GERM 384)
GERM 285	**German Film and Literature**
GERM 286	**Ancient Indic Culture and Civilization (formerly GERM 371)**
GERM 287	Ancient Celtic Culture and Civilization (formerly GERM 372)
HEBR 231	Jewish Literature in Transl'n
HONR 238B	**Images of Masculinity in 20th Century American Literature and Film**
HONR 238C	**Western World Lit.: Renaissance to the Present (also as ENGL 202H)**
HONR 238D	19th and 20th Century English Literature
HONR 238F	Reading Contemp.Poems by Themselves
HONR 238K	Nature and Place: A Course in Non-Fiction Prose
HONR 238V	Difference and Value in Literary Texts
HONR 238X	Literature in a Global Society
HONR 238Y	Shakespeare and Learning
HONR 238Z	**Understanding the World through Reading**
HONR 239F	Poetry of the Earth: Language, Nature, and Ecology
HONR 239G	African Literature (D)
HONR 239K	The Discovery of Personality in Literature
HONR 239N	The Black Experience in Amer. Drama (D)
HONR 258A	Untold Stories: Modern Women Writers Reimagining the Western Tradition (D)
HONR 258I	Reading the Bible: An Intro. to Critical Methods (also as JWST 164)
HONR 258J	Modern Jewish Experience through Literature (also as JWST 171) (D)
HONR 258K	Introduction to Shakespeare (also as ENGL 205H; formerly HONR 158K)
HONR 258Q	Western World Lit.: Homer to the Renaissance (also as ENGL 201H)
HONR 258T	Tools of Fiction: Lit. and/as Creative Writing
HONR 259F	Non-Fiction Prose: The Essay

NOTE: Some CORE-approved Honors courses have the same course number and suffix as another CORE-approved Honors course. Both courses will not be offered in the same semester. The list is correct as of press time; however, offerings are subject to change. Not all approved courses are offered each semester. Check course listings. FOR MORE INFORMATION ABOUT CORE CONSULT: CORE Guide for Undergraduate Advisors available for review at the Hornbake Library Reserve Desk and in advising offices. InforM online information system (access through student Workstations at Maryland [WAM] account.)

CORE 23

CORE Literature: (HL) cont'd

HONR 259Q	Conformity, Rebellion, and Identity: A Literary Perspective
HONR 259S	**The Body and Literature**
TAL 241	Modern Women Writers in Transl'n.
TAL 251	Intro. to Italian Literature
JWST 164	Reading the Bible: An Intro. to Critical Methods (also as HONR 258I)
JWST 171	Modern Jewish Experience through Literature (also as HONR 258J) (D)
JWST 262	**The Hebrew Bible: Narrative**
JWST 263	The Hebrew Bible: Poetry and Rhetoric
RUSS 221	Masterworks of Russian Literature I
RUSS 222	**Masterworks of Russian Literature II**
SPAN 221	**Introduction to Literature**
SPAN 222	Cultural Differences in Contemp. Latin American Culture (D)
SPAN 224	Violence and Resistance in Americas (D)
WMST 241	Women Writers of French Expres. in Transl'n (also as FREN 241) (D)
WMST 255	**Intro. to Lit. by Women (also as ENGL 250) (D)**
WMST 275	**World Lit. by Women (also as CMLT 275) (D)**
WMST 281	Women in German Lit. and Society (also as GERM 281) (D)

CORE History or Theory of the Arts: (CORE CODE: HA)

AMST 205	**Material Aspects of American Life**
ARCH 170	**Intro. to the Built Environment**
ARCH 223	History of Non-Western Architecture (D)
ARTH 100	**Intro. to Art**
ARTH 200	**Art of the Western World to 1300**
ARTH 201	**Art of the Western World after 1300**
ARTH 275	**Art of Africa (D)**
ARTH 290	**Art of Asia (D)**
ARTT 150	**Intro. to Art Theory**
CMLT 214	**Film, Form, and Culture**
CMLT 280	**Film Art in a Global Society (D)**
DANC 200	**Intro. to Dance (D)**
ENGL 245	Film and the Narrative Tradition
HONR 238E	Art and Vision
HONR 2380	Poetry, Calligraphy, and Painting: Visual and Verbal Representation in China (D)
HONR 238R	Gender and Performance (D)
HONR 239B	Surrealism: Literature, Art, and Film
HONR 239C	**The Creative Process in Dance (D)**
HONR 239E	Building Culture: An Introduction to Architecture as Phenomenon
HONR 239H	Playing with Plays
HONR 239J	The Persona of the Artist: Lonely Genius or Successful Entrepreneur?
HONR 239M	Art of Asia (also as ARTH 290)
HONR 258C	**Silence and Art**
HONR 258F	Gender & Space in Film: A Comp. View (D)
HONR 259D	**Understanding the Japanese through the Performing Arts (D)**
HONR 269S	Reading People and Places: Environmental Non-Verbal Communication
MUET 200	World Popular Music and Gender (D)
MUSC 130	**Survey of Music Literature**
MUSC 140	**Music Fundamentals I**
MUSC 210	**The Impact of Music on Life (D)**
THET 110	**Introduction to the Theatre**
THET 195	Gender and Performance (D)
THET 290	American Theatre 1750-1890
THET 291	**American Theatre 1890-Present**
UNIV 118A	Topics in Creativity: The Creative Drive
WMST 250	**Intro. to Women's Studies: Women, Art and Culture (D)**

CORE Humanities Courses: (CORE CODE: HO)

AASP 200	**African Civilization**
AMST 201	**Intro. to American Studies**
AMST 203	Popular Culture in America
AMST 204	**Film and American Culture Studies**
AMST 211	Technology and American Culture
EDPA 210	Hist. & Philos. Perspectives on Education
ENGL 282	**Introduction to Rhetorical Theory**
FREN 202	Honors Intermediate French (in French)
FREN 203	**Intermediate French**
FREN 204	**Review Grammar and Composition**
GERM 201	**Intermediate German I**
GERM 202	**Intermediate German II**
GERM 280	German-American Cultural Contrast
HIST 110	The Ancient World
HIST 112	**The Rise of the West: 1500-1789**
HONR 169Z	**Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)**
HONR 218A	**In Search of Ancient Astronomies (D)**
HONR 218B	Individual Rights from Cicero to Rand
HONR 218C	Western Intellectual Heritage: Hero & Society
HONR 218L	Language and Mind
HONR 238A	**The World of the Dead Sea Scrolls (also as JWST 128A)**
HONR 238G	**Thanatos - The Many Meanings of Death**
HONR 238L	**The Mind and Language**
HONR 238M	Shadow Play: An Intro. to Film Studies
HONR 238S	Music and Ritual
HONR 238T	Censorship and the Writer: Literary Ethics in 18th and 19th Century Modern Europe
HONR 238U	**The Spiritual Heritage of the Human Race**
HONR 239A	Sexuality & Lit.: Oscar Wilde's Text & Context
HONR 239I	Buddhism: Pers. & SocialTransform. (D)
HONR 239L	Women of Africa/Diaspora (D)
HONR 239O	Rebuilding Eden: Utopian Communities as Blueprints for the Good Life
HONR 248A	The Passion of the Educated Mind
HONR 249N	The Ups and Downs of Human Flight
HONR 249V	**Lawyers and the Adversary System**
HONR 258E	Television Reality
HONR 258R	Plato's Republic (also as PHIL 110)
HONR 268E	Gods, Demons, and Mythology in the Ancient Near East and Egypt
HONR 268J	Religion and Progress: Islamic Science, Politics, and Economics (D)
HONR 269C	Mythology
HONR 269I	Immigrant Voices (D)
HONR 269J	The Beat Begins: American Culture in the 1950's
HONR 269L	Hinduism: Karma, Dharma, Caste, Sects and Symbols (D)
ITAL 203	**Intermediate Italian**
ITAL 204	**Review Grammar and Composition**
ITAL 261	**Cuisine, Culture, and Society in Italy Yesterday and Today (course is taught in Italian)**
JWST 128A	World of the Dead Sea Scrolls (also as HONR 238A)
JWST 250	**Fund. Concepts of Judaism (also as PHIL 234)**
KNES 262	**Philosophy of Sport**
LARC 160	Intro. to Landscape Arch. (also as HORT 160)
LATN 201	**Intermediate Latin**
LING 210	Structure of American Sign Language (D)
LING 240	**Language and Mind**
PHIL 100	**Intro. to Philosophy**
PHIL 101	The Structure of Knowledge
PHIL 102	**Truth and Reality**
PHIL 103	Self and Identity
PHIL 105	God and Cosmos
PHIL 110	Plato's Republic (also as HONR 258R)
PHIL 140	**Contemporary Moral Issues**
PHIL 201	Issues in the Philosophy of Life
PHIL 209E	Existentialism
PHIL 234	Fund. Concepts of Judaism (also as JWST 250)
PHIL 245	Political and Social Philosophy I
PHIL 250	**Philosophy of Science I**
PHIL 256	**Philosophy of Biology I**
PORT 223	Portuguese Culture (in English)
PORT 224	Brazilian Culture (in English) (D)
PORT 234	Issues in Latin American Studies I (also as SPAN 234) (D)
PORT 235	**Issues in Latin American Studies II (also as SPAN 235) (D)**
RUSS 281	**19th Century Russian Culture**
RUSS 282	Contemporary Russian Culture (D)
SPAN 125	Span. Civil.: From Kingdoms to Nationalities
SPAN 201	**Intermediate Spanish**
SPAN 202	**Intermediate Grammar and Composition**
SPAN 223	U.S. Latino Culture (D)
SPAN 234	Issues in Latin American Studies I (also as PORT 234) (D)
SPAN 235	**Issues in Latin American Studies II (also as PORT 235) (D)**

CORE Math. & Sciences

3 courses

(At least one course MUST be from CORE Lab List.)

CORE Laboratory Courses

CORE Physical Sciences Laboratory: (CORE CODE: PL)

Only those courses that appear also on the approved CORE non-lab lists may be counted as CORE non-lab courses (ASTR 100, CHEM 121, and METO 200).

ASTR 100/111	**Intro. to Astronomy & Observational Astronomy Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
ASTR 101	**General Astronomy**
CHEM 102	Chemistry of Our Environment
CHEM 103	**General Chemistry I**
CHEM 113	**General Chemistry II**
CHEM 121/122	Chemistry in the Modern World and Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
GEOG 201/211	**Geog. of Environ. Sys. / Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOL 100/110	**Phys. Geol. / Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOL 103	**Water, Earth and Humans**
GEOL 105	Geology of Maryland
GEOL 107	Natural Hazards
METO200/201	Weather and Climate and Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
PHYS 102/103	**Phys. of Music/Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 106/107	**Light, Perception, Photography & Visual Phenomena/Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 117	**Intro. to Physics**
PHYS 121	**Fundamentals of Physics I**
PHYS 122	**Fundamentals of Physics II**
PHYS 141	**Principles of Physics**
PHYS 142	**Principles of Physics**
PHYS 262	**Gen. Phys.: Vibrations, Waves, Heat, Electricity, and Magnetism**
PHYS 263	**Gen. Phys.: Electrodynamics, Light,** Relativity and Mod. Physics
PHYS 272/275	**Intro. Physics: Vibration, Waves, Heat, Fluids, Optics, and Light/Experimental Physics I: Mechanics & Thermodynamics (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**

CORE Life Sciences Laboratory: (CORE CODE: LL)

AGRO 101	Intro. Crop Science
AGRO 202	**Fundamentals of Soil Science (formerly 302)**
ANSC 211	Anatomy of Domestic Animals
ANTH 220	Intro. to Biological Anthropology (D)
BIOL 101/102	**Concepts of Biology/Lab in Biol. (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
BIOL 105	**Principles of Biology I**
BIOL 105M	**Principles of Biology I**
BIOL 106	**Principles of Biology II**
CHEM 104	**Fund. of Organic and Biochemistry**
ENTM 205	**Principles of Entomology**
HORT 100	**Intro. to Horticulture**
MICB 100	**Microbes and Society**
MICB 200	**General Microbiology**
PBIO 100/101	**Plant Biology and Lab in Plant Biology (formerly BOTN 104/105) (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
ZOOL 201	Human Anatomy and Physiology I
ZOOL 210	**Animal Diversity**

CORE Math or Formal Reasoning Laboratory: (CORE CODE: ML)

NONE

CORE Non-Laboratory:

Only those courses that appear on the approved CORE non-lab lists may be counted as CORE non-lab courses.

CORE Physical Sciences Non-Laboratory: (CORE CODE: PS)

ASTR 100	**Intro. to Astronomy (if taken Fall 1993 or after)**
ASTR 200	**Intro. Astronomy and Astrophysics**
ASTR 220	**Collisions in Space**
CHEM 121	**Chemistry in the Modern World**
ENES 100	**Introduction to Engineering Design**
ENES 105	How Things Work - Basic Tech. Literacy
GEOG 123	Causes & Implications of Global Change (also as GEOL/METO/PBIO 123)
GEOG 140	Coastal Environments
GEOL 104	Dinosaurs: A Natural History
GEOL 120	**Environmental Geology**
GEOL 123	Causes & Implications of Global Change (also as GEOG/METO/PBIO 123)
GEOL 212	Planetary Geology
HONR 169Z	**Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)**
HONR 228E	Our Nuclear Society: From Chernobyl to PET Scans
HONR 228F	Managing Planet Earth
HONR 228L	Light, Optics, and Lasers
HONR 228Q	Nuclear Physics and Society
HONR 228R	From Crisis to Chaos
HONR 228U	The Space Environment and the Solar Terrestrial Connection
HONR 259C	**Fearfully Great Lizards: Topics in Dinosaur Research**
HONR 259M	**The Science in Science Fiction**
METO 123	Causes & Implications of Global Change (also as GEOG/GEOL/PBIO 123)
METO 200	Weather and Climate
PBIO 123	Causes & Implications of Global Change (also as GEOG/GEOL/METO 123) (formerly BOTN 123)
PHYS 101	Cont. Physics-Revolutions in Physics
PHYS 111	**Physics in the Modern World**
PHYS 112	Physics in the Modern World
PHYS 161	**General Physics: Mechanics and Particle Dynamics**
PHYS 171	**Intro. Physics: Mechanics**

CORE Life Sciences Non-Laboratory: (CORE CODE: LS)

AGRO 105	**Soil and Environmental Quality**
ENTM 100	**Insects**
HESP 108W	Left Brain, Right Brain (also as HONR 228W)
HONR 169Z	**Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)**
HONR 228G	Sea Monsters and Deep Sea Sharks
HONR 228I	Why and How to Conserve Biodiversity
HONR 228N	Environmental Physiology and the Chesapeake Bay
HONR 228T	Ethics in Environmental Science
HONR 228W	Left Brain, Right Brain (also as HESP 108W)
HONR 229A	The Changing Chesapeake Bay: Past, Present, and Future
KNES 260	**Science of Physical Activity & Cardiovascular Health**
NFSC 100	**Elements of Nutrition**
PBIO 235	**Environmental Science (formerly BOTN 211)**
PBIO 255	**Chesapeake: A Living Resource**

CORE Math or Formal Reasoning Non-Laboratory: (CORE CODE: MS)

CMSC 150	**Intro. to Discrete Structures**
GEOG 170	**Maps and Map Use**
HONR 169Z	**Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)**
HONR 228A	Science and Pseudo-science: An Investigative Approach
HONR 228J	Selected Mathematical Classics
HONR 2280	Symmetry
HONR 228V	The Mathematics of Gambling
HONR 228Z	Mathematics, Truth, and Culture
HONR 258N	Phil. & Computers (also as PHIL 209P)
MATH 111	**Intro. to Probability**
MATH 140	**Calculus I**
MATH 141	**Calculus II**
MATH 220	**Elementary Calculus I**
MATH 221	**Elementary Calculus II**
MATH 240	**Intro. to Linear Algebra**
MATH 250	Analysis I (Honors)
MATH 251	**Analysis II (Honors)**
PHIL 209P	Phil. & Computers (also as HONR 258N)
PHIL 271	**Symbolic Logic I**
STAT 100	**Elementary Statistics and Probability**

CORE Social Sciences and History - *3 courses*

CORE Social or Political History: (CORE CODE: SH)

AASP 100	**Intro. to Afro-American Studies (D)**
AASP 109P	Urban Black America: Politics & Protest (D)
AASP 202	**Black Culture in the United States (D)**
AASP 298A	Sub-Saharan Africa since 1800 (also as HIST 123) (D)
AASP 298C	Pre-Colonial African Civilization (also as HIST 122) (D)
ENGL 260	**Intro. to Folklore**
HIST 106	Amer. Jewish Exper. (also as JWST 141)
HIST 111	**The Medieval World**
HIST 113	Modern Europe: 1789 - Present
HIST 120	Islamic Civilization (D)
HIST 122	African Civilizations to 1800 (also as AASP 298C) (D)
HIST 123	**Sub-Saharan Africa since 1800 (also as AASP 298A) (D)**
HIST 126	Jewish Civilization (also as JWST 121)
HIST 156	**History of the U.S. to 1865**
HIST 157	**History of the U.S. since 1865**
HIST 174	**Intro. to the History of Science**
HIST 175	Science & Tech. in Western Civilization
HIST 210	Women in America to 1880 (also as WMST 210) (D)
HIST 211	**Women in America since 1880 (also as WMST 211) (D)**
HIST 212	Women in Western Europe, 1750-Present (also as WMST 212) (D)
HIST 219C	US-East Asian Cultural Relations (D)
HIST 234	History of Britain to 1485
HIST 235	History of Britain 1461-1714
HIST 236	**History of Britain 1688 to Present**
HIST 237	**Russian Civilization (D)**
HIST 250	Latin-American History I (D)
HIST 251	**Latin-American History II (D)**
HIST 260	**The North Atlantic World 1550-1800**
HIST 275	Law & Constitutionalism in American Hist.
HIST 281	**Intro. to the Rabbinic Movement (also as JWST 230) (D)**
HIST 282	History of the Jewish People I (also as JWST 234) (D)
HIST 283	**History of the Jewish People II (also as JWST 235) (D)**
HIST 285	**East Asian Civilization II**
HONR 248B	The Dynamics of Jewish Survival
HONR 248F	America's Families: Past to Present
HONR 248G	**Social and Group Violence in America**
HONR 248I	Uses of Education
HONR 248K	Anatomy of Two Cold Wars
HONR 2480	The Military & the Media in Amer. History
HONR 248R	Critical Issues in the African-American Experience in the Americas (D)
HONR 248T	Oral Memoir and Autobiography: The Invention of Self
HONR 248W	**America in the1960's**
HONR 248Y	The Legacy of Thomas Jefferson
HONR 249G	Liberalism in Europe & U.S., 1770-Present
HONR 249S	**The U.S. in Vietnam: A Crossroads in American Society**
HONR 249W	Corn Mothers and Captain Cook: Historical Anthropology of New World (D)
HONR 249X	Comp. Grand Strategy & Military Doctrine
HONR 258V	American Attitudes Toward War
HONR 259K	**From a City on the Hill to NATO on the Plain: The Rise & Fall of American Isolationism**
HONR 268B	How the West was Won and Lost: The Legacy of Conquest on the American Frontier
HONR 268N	The First Amendment on the Line: Religion and the Public Schools
HONR 269A	The History of Crime: Criminal Justice in Modern Europe
JWST 121	Jewish Civilization (also as HIST 126)
JWST 141	Amer. Jewish Exper. (also as HIST 106)
JWST 230	**Intro. to the Rabbinic Movement (also as HIST 281) (D)**
JWST 234	History of the Jewish People I (also as HIST 282) (D)
JWST 235	**History of the Jewish People II(also as HIST 283) (D)**
KNES 293	**History of Sport in America**
WMST 210	Women in America to 1880 (also as HIST 210) (D)
WMST 211	**Women in America since 1880 (also as HIST 211) (D)**
WMST 212	Women in Western Europe, 1750-Present (also as HIST 212) (D)

CORE Behavioral and Social Science: (CORE CODE: SB)

AASP 101	**Public Policy and the Black Community**
AMST 207	Contemporary American Cultures
ANTH 240	**Introduction to Archaeology (D)**
ANTH 260	**Intro. to Sociocultural Anthro. & Linguistics (D)**
ANTH 262	**Culture and Environment (D)**
AREC 240	**Intro. to Economics and the Environment**
AREC 250	**Elements of Agri. & Resource Economics**
CCJS 100	**Intro. to Criminal Justice**
CCJS 105	**Intro. to Criminology**
CPSP 123	Issues in Environmental Studies
CPSP 124	Issues in International Studies
CPSP 126	Issues in Public Leadership
ECON 105	Economics of Social Problems
ECON 201*	Principles of Economics I
ECON 203*	Principles of Economics II
	*(see Spring Only list on p. 24 and ECON on p. 67)
EDHD 230	**Human Dev. & Societal Institutions (D)**
GEOG 100	Intro. to Geography
GEOG 130	**Developing Countries (D)**
GEOG 202	**The World in Cultural Perspective**
GVPT 100	**Principles of Government and Politics**
GVPT 170	**American Government**
GVPT 200	**International Political Relations**
GVPT 250	Intro. to International Negotiation (D)
HESP 120	**Intro. to Linguistics**
HONR 169Z	**Knowledge & Its Human Consequences (This special interdisciplinary course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)**
HONR 248C	**Changing Worlds: Economic, Political, & Social Devel. in Former Soviet Bloc**
HONR 248H	Deviance and Disability in Context
HONR 248J	Religion and Culture
HONR 248L	Conflict, Cooperation, and Strategy
HONR 248M	The Idea of City Planning
HONR 248N	Religion in America
HONR 248Q	**Responsibility & Irresponsibility and the News Media**
HONR 248S	The Death Penalty in America
HONR 248U	World-wide Implications of Infectious Diseases
HONR 248X	Applied Behavior Analysis
HONR 249C	Economic Development, Population, and the Environment
HONR 249E	Perception and Knowledge
HONR 249F	The Changing City
HONR 249H	History & Theories of Psychology (also as PSYC 108H)
HONR 249I	**The Examined Life**
HONR 249J	Economics and the Environment
HONR 249K	Leadership and Teamwork
HONR 249M	Cognitive Development and Learning
HONR 249P	Human Societies
HONR 249Q	The Cultural Origins of Modern Individualism
HONR 249R	**Global Environmental Change**
HONR 249T	Psyc. of Work in Film (also as PSYC 109D)
HONR 249U	Peacekeeping in the Post-Cold War World (also as SOCY 109H)

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CORE Behavioral and Social Science: (SB) cont'd

HONR 249Y	**Social and Political Movements**
HONR 249Z	Constitutional Faith
HONR 258Y	Economic Well-Being
HONR 269T	**Understanding Nationalism: State Building and the Politics of Identity**
JOUR 100	**Intro. to Mass Communication**
LING 200	**Intro. Linguistics**
PHIL 280	**Intro. to Cognitive Science**
PSYC 100	**Intro. to Psychology**
PSYC 108H	History & Theories of Psychology (also as HONR 249H)
PSYC 109D	Psyc. of Work in Film (also as HONR 249T)
SOCY 100	**Intro. to Sociology**
SOCY 105	**Intro. to Contemp. Social Problems**
SOCY 109H	Peacekeeping in the Post-Cold War World (also as HONR 249U)
SOCY 227	**Intro. to the Study of Deviance**
URSP 100	**Intro. to Urban Studies and Planning**
WMST 200	**Intro. to Women's Studies: Women & Society (D)**

CORE ADVANCED STUDIES - *2 courses (6 credits)*

Effect August 1994:

1. Students completing double majors or double degrees will have fulfilled the campus Advanced Studies requirement, unless their primary major or college has additional requirements.
2. **All CORE and USP students are now under the same two-course Advanced Studies requirement.**
3. The old Advanced Studies categories and lists are gone (except for the CORE Capstone list). Advanced Studies courses may now be selected from a much broader range of course offerings.
4. You must successfully complete at least two upper-level (300-400 level) courses (six credits) **outside** your major and after **56** credits.
5. You may substitute a CORE-approved Capstone course (taken **within** the major after 86 credits) or a senior or honors thesis for **one** of the two required courses (three credits).
6. Courses may **not** be taken on a pass-fail basis.
7. **The following may NOT be used to fulfill Advanced Studies requirements:** Professional Writing courses (courses that meet the CORE and USP Fundamental Studies upper-level writing requirement); courses used to meet Distributive Studies requirements; internships, practica, or other experiential-learning type of courses. If you have questions about the new requirements, please call the Office of Undergraduate Studies at 405-9359.

For help planning and choosing your advanced studies courses, visit CORE Online at:
http://www.inform.umd.edu/GenEd

CORE Capstone (CORE CODE: CS)

CORE Capstone is an additional option under Advanced Studies for **both** CORE and USP students. You may substitute a CORE-approved Capstone course (taken within your major after 86 credits) or a senior or honors thesis for one of the two required Advanced Studies courses (three credits).

ANSC 420	**Animal Production Systems**
BCHM 399	Undergraduate Research in Biochemistry **(must be taken for at least 3 credits)**
BCHM 465	**Biochemistry III**
BMGT 457	**Marketing Policies and Strategies**
BMGT 495	**Business Policies**
CHEM 399	**Intro. to Chemical Research (MUST BE TAKEN FOR AT LEAST 3 CREDITS)**
CHEM 491	Advanced Organic Chemistry Laboratory
CHEM 492	Advanced Inorganic Chemistry Lab.
CMSC 412	**Operating Systems**
CMSC 424	**Database Design**
CMSC 435	**Software Engineering**
DANC 485	**Seminar in Dance**
ENAE 482	**Aeronautical Systems Design**
ENAE 484	**Space Systems Design**
ENBE 486	**Capstone Design II (Please note that both ENBE 485 and ENBE 486 must be completed in order to satisfy CORE Capstone requirements.)**
ENCE 466	**Design of Civil Engineering Systems**
ENCH 446	**Process Engineering Econ. and Design II**
ENME 404	Mechanical Engineering Systems Design
ENME 472	**Integrated Product and Process Dev. II**
GEOL 394	**Research Problems in Geology**
HIST 309_	**Proseminar in Historical Writing**
HIST 396	**Honor's Colloquium II**
KNES 497	**Independent Studies Seminar**
LARC 471	**Project in Landscape Architecture II**
MICB 480	**Microbial Ecology**
NFSC 422	**Food Product Research & Development**
NFSC 491	Issues and Problems in Dietetics
NFSC 495	Nutrition Research
NRMT 470	**Natural Resources Management**
PHYS 428	Physics Capstone Research
ZOOL 413	Biophysics

CORE HUMAN CULTURAL DIVERSITY - *1 course*

1. Students must earn credit for one Diversity course from the following list and may do so **at any time** before graduation. Generally, upper level (300 or higher) Diversity courses should not be attempted before earning 56 credits (junior standing). Lower and upper level courses are listed separately below.
2. In the following CORE Diversity list, courses noted "*" also meet CORE Distributive Studies requirements. Diversity courses that are also approved for CORE Distributive Studies may be double counted.

CORE Diversity Courses Recommended for Freshmen and Sophomores: (CORE CODE: D)

AASP 100	**Intro. to Afro-American Studies***
AASP 109P	Urban Black America: Politics and Protest*
AASP 202	**Black Culture in the United States***
AASP 298A	African Civ. since 1800* (also as HIST 123)
AASP 298B	Black and Asian Relations
AASP 298C	Pre-Colonial African Civ.* (also as HIST 122)
AMST 207	Contemporary American Culture*
AMST 212	Diversity in American Culture
AMST 298C	**Asian American Experience (also as HONR 218G)**
ANTH 220	Introduction to Biological Anthropology*
ANTH 240	**Introduction to Archaeology***
ANTH 260	**Intro. to Sociocultural Anthro. & Linguistics***
ANTH 262	**Culture and Environment***
ARCH 223	History of Non-Western Architecture*
ARTH 275	**Art of Africa***
ARTH 290	**Art of Asia* (also as HONR 239M)**
CHIN 213	**Chinese Poetry into English: An Intro.***
CMLT 235	**Intro. to Lit. of the African Diaspora* (also as ENGL 235)**
CMLT 270	**Global Lit. & Social Change***
CMLT 275	**World Lit. by Women* (also as WMST 275)**
CMLT 277	**Lit. of the Americas***
CMLT 280	**Film Art in a Global Society***
DANC 138	**Intro. to Ethnic Dance (2 credits)**
DANC 200	**Introduction to Dance***
EDHD 230	**Human Dev. and Societal Institutions***
ENGL 234	**Intro. to African-American Literature***
ENGL 235	Intro. to Lit. of the African Diaspora* (also CMLT 235)
ENGL 250	**Intro. to Lit. by Women* (also as WMST 255)**
FREN 241	Women Writers of French Expression in Transl'n* (also as WMST 241)
FREN 242	**Black Writers of French Expression in Transl'n***
GEOG 130	**Developing Countries***
GERM 281	Women in German Lit. & Society* (also as WMST 281)
GVPT 250	Intro. to International Negotiation* (formerly GVPT 288A)
HIST 120	Islamic Civilization*
HIST 122	African Civilizations to 1800* (also as AASP 298C)
HIST 123	**African Civilizations since 1800* (also as AASP 298A)**
HIST 209A	Cross-Cultural Questions: Religious Fundamentalism in Twentieth Century United States and Middle East
HIST 210	Women in America to 1880* (also as WMST 210)
HIST 211	**Women in America since 1880* (also as WMST 211)**
HIST 212	Women in Western Europe, 1750-Present* (also as WMST 212)
HIST 219C	US-East Asian Cultural Relations*
HIST 237	**Russian Civilization***
HIST 250	Latin-American History I*
HIST 251	**Latin-American History II***
HIST 255	African-American History
HIST 281	**Intro. to the Rabbinic Movement* (also as JWST 230)**
HIST 283	**History of the Jewish People II***
HONR 218A	**In Search of Ancient Astronomies***
HONR 238R	Gender and Performance* (also as THET 195)
HONR 238X	Literature in a Global Society*
HONR 239C	**The Creative Process in Dance***
HONR 239G	African Literature*
HONR 239I	Buddhism: Personal and Social Transformations*
HONR 239L	Women of Africa/Diaspora*
HONR 239M	Art of Asia* (also as ARTH 290)
HONR 239N	The Black Experience in American Drama*
HONR 248D	**International Perspectives in Education (also as EDUC 109)**
HONR 248R	Critical Issues in the African-American Experience in the Americas*
HONR 249W	Corn Mothers and Captain Cook: Historical Anthropology of New World*
HONR 258A	Untold Stories: Women Writers Reimagining the Western Tradition*
HONR 258F	Gender and Space in Film: A Comparative View*
HONR 258J	Modern Jewish Experience through Literature* (also as JWST 171)
HONR 258W	Exploring Homophobia: Demystifying Lesbian and Gay Issues
HONR 259D	**Understanding the Japanese through the Performing Arts***
HONR 268J	Religion and Progress: Islamic Science, Politics, and Economics*
HONR 269I	Immigrant Voices*
HONR 269L	Hinduism: Karma, Dharma, Caste, Sects and Symbols*
JWST 171	Modern Jewish Experience through Literature* (also as HONR 258J)
JWST 230	**Intro. to the Rabbinic Movement* (also as HIST 281)**
JWST 234	History of the Jewish People I* (also as HIST 282)
JWST 235	**History of the Jewish People II* (also as HIST 283)**
KNES 240	**Exploring Cultural Diversity through Movement**
LING 210	Structure of American Sign Language*
MUET 200	World Popular Music and Gender*
MUSC 210	**The Impact of Music on Life***
PORT 224	Brazilian Culture (in English)*
PORT 225	The Cultures of Portuguese-Speaking Africa
PORT 234	Issues in Latin American Studies I*
PORT 235	**Issues in Latin American Studies II***
RUSS 282	Contemporary Russian Culture
SOCY 241	**Inequality in American Society**
SPAN 222	Cultural Difference in Contemp. Latin American Culture*
SPAN 223	U.S. Latino Culture*
SPAN 224	Violence & Resistance in the Americas*
SPAN 234	Issues in Latin American Studies I*
SPAN 235	**Issues in Latin American Studies II***
THET 195	Gender & Performance* (also as HONR 238R)
THET 293	**Black Theatre and Performance I**
WMST 200	**Intro. to Women's Studies: Women & Society***
WMST 210	Women in America to 1880* (also as HIST 210)
WMST 211	**Women in America since 1880* (also as HIST 211)**
WMST 212	Women in Western Europe, 1750-Present* (also as HIST 212)
WMST 241	Women Writers of French Expression in Transl'n* (also as FREN 241)
WMST 250	**Intro. to Women's Studies: Women, Art, & Culture***
WMST 255	**Intro. to Lit. by Women* (also as ENGL 250)**
WMST 275	**World Lit. by Women* (also as CMLT 275)**
WMST 281	Women in German Lit. & Society (also as GERM 281)

CORE Diversity Courses Recommended for Juniors and Seniors: (CORE CODE: D)

AASP 312	**Social and Cultural Effects of Colonization and Racism**
AASP 441	**Sci., Tech., and the Black Community**
AASP 443	**Blacks and the Law**
AASP 499R	Race and Gender: Political Theory, Econ., the Law, and Popular Culture
AGRO 303	**International Crop Production**
AGRO 440	Crops, Soils, and Civilization
AMST 418J	Cultural Themes in America: Women and Family in American Culture
AMST 418K	Cultural Themes in America: Race in America: Theory and Policy
ANTH 362	Diversity in Complex Societies
AREC 365	**World Hunger, Population, and Food Supplies**
AREC 445	**Agri. Development in the Third World**
ARTH 390	Art of China
ARTH 395	**Art of Japan**
ARTH 475	**Ancient Art of Africa**
ARTH 476	Living Art of Africa
ARTH 490	Chinese Painting
ARTH 495	Japanese Painting
ARTT 463	**Prin. & Theory: African-American Art**
CCJS 370	Race, Crime, and Criminal Justice
CCJS 498A	Special Topics in Criminology and Criminal Justice: Women and Crime
CHIN 313	**Chinese Poetry and Prose in Transl'n**
CHIN 315	Modern Chinese Literature in Transl'n
CLAS 320	**Women in Classical Antiquity (also as WMST 320)**
EALL 300	The Languages of East Asia
ECON 375	**Econ. of Poverty and Discrimination**
EDCP 420	**Education and Racism**
ENGL 348_	**Literary Works by Women: (Topic will vary) (also as WMST 348_)**
ENGL 360	**African, Indian, and Caribbean Writers**
ENGL 362	**Caribbean Literature in English**
ENGL 368_	**Special Topics in the Lit. of Africa and the African Diaspora (Topic will vary)**
FMST 381	**Poverty, Affluence, and Families**
FMST 430	Gender Issues in Families (also as WMST 430)
FREN 482	Gender and Ethnicity in Modern French Literature
FREN 485	Ideologies and Relations Between the Sexes in French Literature
FREN 499B	Literature of Francophone
GEOG 323	Latin America
GEOG 326	**Africa**
GEOG 416	Overseas European Colonization and the Third World
GERM 349M	Germanic Lit. in Transl'n: Masterworks of Yiddish Literature (also as JWST 375)
GVPT 447	**Islamic Political Philosophy**
GVPT 471	Women and Politics
HIST 314A	**Crisis and Change in the Middle East and Africa: Nationalism and Nation-Building in the Middle East**
HIST 316A	Crisis and Change in Latin America: Slavery and Race Relations in Latin America
HIST 461	**Blacks in American Life: 1865 to Present**
HIST 473	**History of the Caribbean**
HIST 474	History of Mexico and Central America I
HIST 475	History of Mexico and Central America II
HIST 491	History of the Ottoman Empire
HIST 493	**Victorian Woman in England, France and the United States (formerly HIST 458A)**
HIST 494	Women in Africa
HIST 495	**Women in Medieval Culture and Society (formerly HIST 458C)**
HIST 496	Africa Since Independence
HLTH 471	**Women's Health (also as WMST 471)**
HONR 348D	Women in the Military (also as SOCY 498C)
HONR 348F	Women and the Media
HONR 378V	Gender and Scientific Knowledge
JOUR 452	**Women in the Media (also as WMST452)**
JOUR 453	News Coverage of Racial Issues
JWST 375	Germanic Lit. in Transl'n: Masterworks of Yiddish Literature (also as GERM 349M)
KNES 492	**History of the American Sportswoman in Amer. Organizations (also as WMST 492)**
MUSC 320	Epic as Song and Saga: Cross-Cultural Perspectives
MUSC 432	Music in World Cultures I
MUSC 433	Music in World Cultures II
PHIL 407	**Gay and Lesbian Philosophy (formerly PHIL 408I)**
PORT 322	Survey of African Lit. of Portuguese Expression (in Portuguese)
PORT 378_	Brazilian Cinema (Topic will vary)
PORT 476	**Africa in Brazil**
PORT 478C	Women as Authors and Characters in Brazilian Literature (D)
PSYC 354	Cross-Cultural Psychology
SOCY 325	**Sociology of Gender (also as WMST 325)**
SOCY 498C	Women in the Military (also as HONR 348D)
SPCH 324	**Communication and Gender**
SPCH 360	**The Rhetoric of Black America**
SPCH 469A	Discourse of Social Movements: Civil Rights
SPCH 469B	Rhetoric of the Abolitionist and Suffrage Movement
SPCH 482	**Intercultural Communication**
THET 390	Clothing and Culture
THET 496	**African American Woman Filmmakers (also as WMST 496)**
THET 497	Non-Traditional Theatre
URSP 372	**Diversity and The City**
URSP 465	Comparative Urban Life and Change
WMST 313	Women & Science (also as ZOOL 313)
WMST 320	**Women in Classical Antiquity (also as CLAS 320)**
WMST 325	**Sociology of Gender (also as SOCY 325)**
WMST 348_	**Literary Works by Women (Topic will vary) (also as ENGL 348_)**
WMST 430	Gender Issues in Families (also as FMST 430)
WMST 452	**Women in the Media (also as JOUR 452)**
WMST 471	**Women's Health (also as HLTH 471)**
WMST 492	**History of the Amer. Sportswoman in Amer. Organizations (also as KNES 492)**
WMST 496	**African American Woman Filmmakers (also as THET 496)**
ZOOL 313	Women & Science (also as WMST 313)

FOR SPRING 1998 ONLY

The following CORE courses are approved for Spring 1998 only in the CORE categories noted.

AASP 298A	**Special Topics in Afro-American Studies: Art and Archaeology of Africa (also as ARTH 275) (HA/D)**
AASP 298E	**Special Topics in Afro-American Studies: Sub-Saharan Africa Since 1800 (also as HIST 123) (SH/D)**
AASP 298L	**Special Topics in Afro-American Studies: Introduction to Afro-American Literature (also as ENGL 234) (HL/D)**
AASP 298M	**Seminar in Current Issues, the Media, and the Black Community (also as AMST 298M) (D)**
AASP 468B	**Special Topics in Africa and the Americas: Ancient Art and Archaeology of Africa (also as ARTH 475) (D)**
AASP 478C	**Humanities Topics in Afro-American Studies: Caribbean Literature in English (also as ENGL 362) (D)**
AASP 478M	**Humanities Topics in Afro-American Studies: African-American Women Filmmakers (also as THET 496) (D)**
AMST 298M	**Seminar in Current Issues, the Media, and the Black Community (also as AASP 298M) (D)**
ASTR 121	**Introductory Astrophysics II - Stars and Beyond (PL)**
CMLT 488J	**Genres: African-American Women Filmmakers (also as THET 496/WMST 496) (D)**
ECON 200*	**Principles of Micro-Economics (SB)**
ECON 201*	**Principles of Macro-Economics (SB)** *** (see ECON on p. 67)**
GEOG 123	**Causes and Implications of Global Change (also as GEOL 123/METO 123/ PBIO 123) (PS)**
GEOL 123	**Causes and Implications of Global Change (also as GEOG 123/METO 123/ PBIO 123) (PS)**
HIST 309F	**Proseminar in Historical Writing: Modern Jewish History (also as JWST 309F) (CS)**
HONR 218M	**The Search for an Amer. Architecture (HA)**
HONR 228X	**Awesome Science and Pathological Science (PS)**
HONR 268J	**Religion and Progress: Islamic Science, Politics, and Economics (HO/D)**
HONR 269C	**Mythology (HO)**
HONR 269I	**Immigrant Voices (HO/D)**
HONR 269O	**Judging the Social Sciences (SB)**
HONR 269T	**Understanding Nationalism: State Building, and the Politics of Identity (SB)**
HONR 269Y	**The Wheel of Knowledge (HO)**
HONR 278K	**Discoveries that Have Shaped Technology in the 20th Century (LS)**
HONR 278S	**Frontiers in Genetics (LS)**
HONR 278T	**Evolution and Adaptation in Humans (SB)**
HONR 278U	**Richard Nixon and His Presidency (SH)**
HONR 278V	**Who Will I be at 65? Being Aged in a Cross-Cultural Perspective (SB)**
HONR 278W	**Mind and Brain (SB)**
HONR 278X	**Free Will, Determinism, and Moral Responsibility in Western Thought (also as PHIL 209M) (HO)**
HONR 278Z	**The Problem of Evil (HO)**
HONR 279A	**Games, Game Theory, and Theory of Games (MS)**
HONR 279B	**The Evolution of Diseases (LS)**
HONR 279C	**Lit. and Film of Extreme Situations (HL)**
HONR 279D	**From Fiction to Film: Film Adaptations of Novels (HA)**
HONR 279E	**Management, Behavior, and Ethics Across Cultures (SB)**
HONR 279F	**Mozart and Beethoven: Music, Rebellion, and the Will to Make a New World (HA)**
HONR 279G	**The Biol. Bases of Mental Illness (SB)**
HONR 279I	**History of Alphabets: Hebrew, Arabic, Greek, Russian, and English (HO)**
HONR 279J	**Russia: Let History Judge (SB)**
HONR 279K	**Behind the Scenes in the Performing Arts (HA)**
HONR 279L	**Science and Technology as Themes in Literature (HL)**
HONR 279M	**The Many Faces of Globalization (SB)**
HONR 279N	**Imagining Cities: New York, Los Angeles, and Cyberspace (HO)**
HONR 279O	**Biotechnology and Society (LS)**
HONR 279Q	**Ethics in Journalism (HO)**
HONR 279R	**Art Making in the Global Village (HA/D)**
HONR 279S	**The Science of Color (PS)**
JWST 219B	**Immigrant Voices (HO/D)**
JWST 309F	**Research Seminar in Jewish Studies: Modern Jewish History (also as HIST 309F) (CS)**
METO 123	**Causes and Implications of Global Change (also as GEOG 123/GEOL 123/ PBIO 123) (PS)**
MUSC 248A	**Musics of the World (HA/D)**
PBIO 123	**Causes and Implications of Global Change (also as GEOG 123/GEOL 123/ METO 123) (PS)**
PHIL 209H	**The Political Philosophy of Virtue Ethics (HO)**
PHIL 209M	**Free Will, Determinism, and Moral Responsibility in Western Thought (also as HONR 278X) (HO)**
UNIV 148A	**Topics in Cultural Perspectives: The Individual vs. Society in China and the U.S. (Students may count this course in one of two areas: HO or SB, but not both. This course also fulfills the CORE Diversity requirement)**
UNIV 158A	**Topics in Communication: Communication in the Information Age (HO)**

WHAT'S NEW... 25

Department of Agriculture

AGRI 450 - HUMAN RESOURCE DEVELOPMENT IN AGRICULTURE. Interested in international organizations and their impact on the development of human resources (human capital) in the agricultural sector? AGRI 450 provides an overview and conceptual framework for understanding the policy-institutional-program connections relating to human resource development, and considers the value and importance of developing human resources for world food security and agricultural sustainability.

The new world-oriented economy requires that the skills of workforces worldwide be continually enhanced and that the quality of social and material infrastructure be regularly renewed to support these workforces. For agricultural and extension education the challenges are severe, faced with a triple challenge: to provide high quality education and training suitable for the 21st century; to provide it for those who need it and can profit from it; and to provide it in the most cost-effective way.

Department of Animal and Avian Sciences

ANSC 489H - NUTRITION AND PHYSIOLOGY OF ANIMAL GROWTH. (Dr. Tom Porter). This course will examine the biology of growth in domestic birds and mammals. Emphasis will be placed on nutritional and physiological aspects of the growth process relating to food production in farm animals. Topics will include protein and amino acid requirements, protein digestion, amino acid and mineral absorption and metabolism, bone and muscle biology and environmental and hormonal control of bone and muscle growth. 3 credits.

Comparative Literature Program

CMLT 498G - DIGITAL STRATEGIES: NARRATIVE ON SCREEN. This course will explore, in a hands-on fashion, the various emerging strategies for creating narrative digitally. At the end of the semester, students can expect to have constructed a sample of their original work using digital work stations exclusively. Accordingly, students enrolling should be computer literate and preferably be conversant with programs such as QuickTime, Adobe Premiere, Infini-D and/or Strata, Poser and so on. This course will be taught by Professor M. Lifton.

CMLT 498N - GYPSY CULTURE. The word "gypsy" has come to characterize a people, attire, taxi, sinister characters, behavior; the list is long. Over a long period of time "gypsy" has become a term with both a pejorative and a romantic realization in popular fiction and the world cinema. This course will trace the Rom (the preferred designation for "gypsy") from their origins in India to their migrations throughout the world with emphasis on their representation in cinema.

CMLT 679G and SPAN 409 - ART AND POLITICS OF CUBAN CINEMA. Immediately after the success of the Cuban Revolution (January 1, 1959), a group of young filmmakers, most of whom had no training or experience, set about developing a national cinema in a country with essentially no filmmaking, but with a huge film audience, served mostly by Hollywood. Within a decade they had produced some of the finest modern day films. By examining Cuban cinema from the '60s to the present and reading key theoretical works we will unpack these contradictions with a view to understanding the relationship between this socialist revolution and its art. To ground this study of Cuban cinema we will set it in the context of Cuban politics and the other arts. This course will be taught by Visiting Associate Professor J. Hess.

Environmental Science and Policy Program

ENSP 102 - INTRODUCTION TO ENVIRONMENTAL POLICY (3 credits). Professor Ken Conca. The second semester of a two-part course sequence to be required for majors in the interdisciplinary Environmental Science and Policy Program. The course is unrestricted in Academic Year 1997-98, but may be restricted to majors in later years. ENSP 102 is an introduction to the human dimensions of environmental problems. Emphasis will be on the social causes and consequences of environmental changes, as well as the implications and effectiveness of a range of public policy responses. In the first half of the class the analytic tools and perspectives of a range of social science disciplines (including geography, economics, sociology, and political science) will be presented. In the second half specific environmental controversies will be examined from an interdisciplinary perspective, drawing on policy analysis tools from across the social sciences.

FOLA (Critical Languages)

DIRECTED STUDY OF A FOREIGN LANGUAGE. Languages offered by FOLA: Hungarian, Dutch, Polish, Persian, Turkish, Hindi, Egyptian, Arabic, Urdu, Tagalog, Modern Western Armenian, Vietnamese. (Listed under FOLA 138 - 159) The FOLA program enables qualified students to acquire speaking knowledge of certain languages not currently offered in regular course format.

Department of French and Italian

FREN 478 - GAY ISSUES IN EUROPEAN LITERATURE IN TRANSLATION (3 credits, MacBain). Examines the issue of same-sex relationships in a number of French and other European literary works. In English.

FREN 619 - THE MEDIEVAL LYRIC (3 credits, MacBain). Deals with the earliest Medieval lyrics in the vernacular, the poetry of early Northern French trouvëres, with excursions into some Middle High German lyrics of the early 13th century. In English.

FREN 679 - UTOPIA AND SCIENCE FICTION (3 credits, Fink). Aims at analyzing utopian constructs in a literary as well as philosophical perspective. In French and in English.

ITAL 431 - ITALIAN CIVILIZATION (3 credits, Falvo). Surveys the political, intellectual, literary and artistic forces that have shaped contemporary Italy form the Middle Ages to the present. In English.

Department of Geography

GEOG328A - TOPICS IN REGIONAL GEOGRAPHY: REGIONAL CONTEXT OF GLOBAL ECONOMY. Countries and regions of the world are increasingly linked to each other through the process of globalization. This course will present some local aspects and consequences of globalization. There will be special emphasis on transportation networks, international division of labor in the manufacturing sector and the rise of "world cities" controlling the global economy. Examples from Western Europe, North America, the Pacific Rim and Post-Soviet countries of Eurasia will be used to illustrate a number of geographical concepts. Professor Yves Boquet. (3 credits)

GEOG 668 - A MILLION SOLAR ROOFS: PHYSICAL, SOCIAL AND SPATIAL FEASIBILITY OF SOLAR ELECTRICITY. Meets Tuesday 3:30 - 6:00 p.m.Use your knowledge of GIS, Public Affairs, Government and Politics, Climatology, Geography, Energy Policy, or Planning -(no pre-requisites except graduate standing). Choose the best locations to site solar electric systems and create a GIS of these locations. Apply the results to real policy decisions. Work as a multi-disciplinary team. For more information: Jill Boberg (5-4158 or jboberg@bss2.umd.edu) or Kevin Czajkowski (5-4067 or kczajkow@geog.umd.edu)

Germanic Studies

GERM 283 - VIKING CULTURE AND CIVILIZATION (formerly GERM 383). Introduction to the lifestylé of northern Europe from the 9th to the 11th century. CORE Literature. USP Distributive Studies Area A: Cultural and Historical course. 3 credits.

GERM 286 - ANCIENT INDIC CULTURE AND CIVILIZATION (formerly GERM 371). An introduction to the culture and civilization of ancient India; religion, literature, arts, ethics, and law of the Yedic period; Younger Hinduism, and Buddhism. Reconstruction of each period's lifestyle with emphasis on the historic development of the principles which ruled everyday activities. Instruction and reading in English. CORE Literature. 3 credits.

GERM 360 - WOMEN IN SCANDINAVIAN LITERATURE. Discussion of prose and poetry by major Scandinavian women writers such as Sigrid Undset, Selma Lagerlîf and Tove Ditlevsen seen in the context of the changing social/ cultural and political roles of Scandinavian women in the 19th and 20th century. CORE. 3 credits.

Literatures and Cultures of the World in English Translation

Students at the University of Maryland can study many of the world's literatures and cultures in English translation by taking the courses listed below. Many of these courses also fulfill CORE, Diversity, or Advanced Studies requirements. For further information see the individual course listings in designated departments:

CHIN 213	CHINESE TRANSLATION INTO ENGLISH: AN INTRODUCTION	GERM 360	WOMEN IN SCANDINAVIAN LITERATURE
CHIN 313	POETRY & PROSE IN TRANSLATION	GERM 382	GERMAN CIVILIZATION ii
CLAS 170	GREEK & ROMAN MYTHOLOGY	GERM 389W	MEDIEVAL WOMEN: "THE REAL AND THE IDEAL"
CLAS 271	ROMAN LITERATURE IN TRANSLATION	ITAL 431	ITALIAN CIVILIZATION IN TRANSLATION
CLAS 320	WOMEN IN ANTIQUITY	JAPN 418	JAPANESE LITERATURE IN TRANSLATION
CLAS 330	ANCIENT GREEK & ROMAN RELIGION	PORT 235	ISSUES IN LATIN AMERICAN STUDIES II
FREN 478	GAY ISSUES IN EUROPEAN LITERATURE	PORT 476	AFRICA IN BRAZIL
FREN 619	THE MEDIEVAL LYRIC	RUSS 222	MASTERWORKS OF RUSSIAN LITERATURE II
FREN 679	THE HISTORY OF IDEAS IN FRANCE: UTOPIA AND SCIENCE FICTION	SPAN 223	UNITED STATES LATINO CULTURE
		SPAN 235	ISSUES IN LATIN AMERICAN STUDIES II
GERM 283	VIKING CULTURE AND CIVILIZATION	SPAN 448	CULTURE AND CITIZENSHIP IN LATIN AMERICA
GERM 285	GERMAN FILM AND LITERATURE		
GERM 286	ANCIENT CELTIC CULTURE AND CIVILIZATION	WMST 488R	SENIOR SEMINAR: READING & WRITING WOMEN'S LIVES

GERM 389W - MEDIEVAL WOMAN: "THE REAL AND THE IDEAL". Reading and analysis of documentary evidence (letters, diaries, autobiographies) and literary work (epics, poetry). Emphasis on socio-cultural context using texts representative of the way medieval women saw themselves and the way they were seen, or imagined, by others. 3 credits. Taught in English.

GERM 439 - SELECTED TOPICS IN GERMAN LITERATURE: "Hîfischer Heldenroman" - Das Rolandsliced/Das Nibelungenlied. Analysis and evaluation of the cultural ethos reflected in these works; examination of social, literary and cultural aspects representative of the Christian-Germanic thought underlying the works. Reading (Modern High German translations) and instruction in German. 3 credits.

GERM 475 - OLD NORSE. The language of the old Icelandic saga, the Eddas and Skaldic poetry. Reading of texts in the original historic development of Old Norse and its role in the Germanic language family. No knowledge of German or a Scandinavian language required. Instruction in English. 3 credits.

GERM 689 B/889B - FILMANALYSE. This seminar offers an introduction to film studies, its theories and practice. Focusing on the elements of film analysis, major directors and films will be investigated from various approaches such as Mise-en-scene, psychoanalysis, gender, narrative cinema, semeiotics, and cultural studies. Knowledge of German required. M.A. level (1-3)

GERM 689F/829 - ZUR LITERATUR UND KULTUR DES WILHEMINISCHEN KAISERRECHES. Readings and discussion focus on literary and cultural changes in the latter part of the 19th and early 20th centuries. Texts will be read as intersections of politics, gender, and aesthetics. Authors include Fontane, Reuter, Nietzche, Dohm, Freud, and H. Mann. Of particular interest is the theoretical debate on post/colonialism. In German. 1-3 credits.

Department of History

HIST 219L - THE AMERICAN WEST IN HISTORY AND IMAGINATION. Professor James F. Brooks. Is the American West a land where rugged men and spunky women wrested opportunity from savagery and wilderness, or a place of heartbreak, violence, and environmental degradation? In this class we examine these and other notions of the West -- a *place* of lived experience, and an *idea* from which much of the United States' national vision has evolved. We look closely at a wide variety of historical sources -- monographs, memoirs, paintings, music, and films -- in order to better understand the connections between historical experiences and ideological constructions of the American westward movement.

Department of Mathematics

MATH 456/CMSC 456 - CRYPTOLOGY. How do you protect computer data? Can you exchange secrets over non-secure channels? How do you sign an electronic check and prevent forgeries by eavesdroppers? How can you prove that you have certain information without revealing the information? Can you play poker over the telephone and prevent cheating? These and other topics will be covered in this course, which is crosslisted by the mathematics and computer science departments.

Department of Meteorology

METO 671 - AIR/SEA INTERACTIONS. Want to know what causes El Nino? The underlying physics is a coupled instability of the atmosphere and tropical ocean. Learn more about this and related topics of atmospheric and oceanic dynamics.

Department of Microbiology

PBIO 100 - PLANT BIOLOGY FOR NON-SCIENCE MAJORS. CORE Sciences course offered in conjunction with PBIO101 lab. This refocused course extends the understanding of plant biology into our diets, medicine, biotechnology and the environment. A course web site (http://www.inform.umd.edu/EdRes/Colleges/LFSC/life_sciences/.plant_biology/PBIO/pbio.html) offers access to lecture notes and supplementary material.

School of Music

MUET 200 - WORLD POPULAR MUSICS AND GENDER. This course focuses on the phenomena of world music as well as popular music in different cultures with an emphasis on cross-cultural comparisons in such areas as politics, rebellion, music industry, etc. It analyzes these musics through the lens of gender study where appropriate; as it is often the gender dynamics, which are acted out during performance, that give insight of major issues within a peoples' culture. Different music genre such as rap, heavy metal, "women's music," zouk, tango, techno pop, etc., are covered. Tuesday and Thursday, 12:00 - 1:15 p.m., SKN 0200.

MUSC 248A - MUSICS OF THE WORLD. A survey of six musical cultures of the world: Latin America, India, Japan, Indonesia, West Africa, and Eastern Europe. The discussion of each of the cultural areas will cover: the historical and cultural background; selected musical genre, their function, musical form, and instruments. Tuesday and Thursday, 1:00 - 2:15 p.m. JMZ 0200.

MUSC 248B - HISTORY OF ROCK. A historical survey of pop (rock) music from about 1950 to the present. Pop music as music and pop music as social history. Monday and Wednesday, 11:00 a.m. - 12:15 p.m., TWS 2138. Open to majors and non-majors.

MUSC 448H - MUSIC AND THE EXPERIMENTAL ARTS IN POST-WAR AMERICA (Senior Honors Course). Surveys the connections between post-war music and other evolving experimental arts in America. Topics include music and its relation to: film (Maya Dere, Harry Smith); dance (Merce Cunningham, Jean Erdman); art (Calder and Pollock); and literature (the Beat generation). Monday, Wednesday, Friday, 2:00 - 2:50 p.m. TWS 2135.

Department of Natural Resource Sciences and Landscape Architecture

Merging two departments recently formed the Department of Natural Resource Sciences and Landscape Architecture (NRSL). The faculty offers courses in Agronomy (AGRO), Horticulture (HORT), Landscape Architecture (LARC) and Environmental Science and Policy (ENSP). The department's Undergraduate Office is located in 2102 Plant Sciences Building (PLS). For further information on our program, see the course listings in this issue or visit our web site: http://www.agnr.umd.edu/users/hort/natres.htm Some courses of interest to you might be one or more of the following:

AGRO 202 - FUNDAMENTALS OF SOIL SCIENCE. CORE Distributive Studies: Life Science (4 credits). Study and management of soils as natural bodies, media for plant growth, and ecosystem components. Morphology, composition, formation, and conservation of soils. Chemical, biological, and physical properties are discussed in relation to the production of plants, the functioning of hydrologic and nutrient cycles, the protection of environmental quality, and engineering uses of soils.

HORT 100 - INTRODUCTION TO HORTICULTURE. CORE Distributive Studies: Life Science (4 credits). An overview to the art and science of horticulture. Relationships between plant science and plant production, the use of horticultural plants and plant stress as influenced by cultural practices.

Department of Urban Studies and Planning

URSP 399I/URSP 788 - RESEARCH IN LANGLEY PARK. During the Spring semester, the Urban Studies and Planning Program will conduct a planning studio (an applied research seminar) in Langley Park, Maryland. Advanced undergraduate and graduate students who are fluent in Spanish are invited to participate in the studio. Group meetings are on Wednesday afternoons. For further information contact Professor William Hanna at 301-405-4005 or bhanna@bss2.umd.edu.

Career Center

Address: 3121 Hornbake Library, South Wing
Phone: 301-314-7225
Fax: 301-314-9114
e-mail: Career-center-help@umail.umd.edu
web: http://www.CareerCenter.umd.edu

The Career Center helps students at all points in their academic careers with career goals and decisions. Career Center staff help to guide students to the answers for such questions as "How are my interests, skills and values related to a major or a career field?"; "How do I gain experience related to my major?"; "What are some effective strategies for getting a job or selecting a graduate school?" Career Center programs and services are designed to be used effectively by students from freshman year until the end of their stay at UM. Students who begin to plan their education and career early in their college experience will be in the best position to direct themselves toward meaningful and rewarding careers upon graduation.

Resources

Resource Room: Those entering the Career Center will first encounter its Resource Room, a multi-media collection of resources to help students and alumni learn about career planning and job search strategies. Resources include comprehensive reference material on self-assessment, career exploration, graduate/professional schools, job search skills such as resume writing and interviewing, and directories of employers. Students can receive career information and guidance through a variety of resources: Focus II, an interactive career planning computer program; job listings for part-time, internship, cooperative education, and full-time opportunities; technical assistance for TERP Online; and walk-in assistance from Career Center staff. *See Career Center Hours of Operation for walk-in hours.*

Career Assistance: Career Center staff assist students in identifying careers and majors suited to their interests, values, and skills, helping them develop skills for the job search, graduate training, or a career change. Walk-in assistance is available on a daily basis in the Resource Room; also available are individual appointments with professional staff.

Workshops: The Career Center offers valuable workshops and orientations that focus on every stage of the career and academic process. Subject matter includes choosing a major, interviewing, resume writing, career and job fair preparation, graduate school application, how to access TERP Online, and Internet job search. For detailed information on workshops, see the Career Center's web site or pick up a calendar of events at the Center.

Http://www.CareerCenter.umd.edu Students can visit the Center on-line to identify potential employers, get tips on writing a resume and conducting a job search, find out about employers participating in on-campus interviewng and career/job fairs, review job listings, research organizations, access other job search sites, learn about graduate programs, and much more.

Publications:

The ***Career Planning Manual*** is a special guide for career planning, conducting a job search, and applying to graduate school. Contents include resume writing guides, successful interviewing techniques, and job search strategies. A preliminary list of employers participating in the On-Campus Interviewing program is featured.

SEC in Action! is a newsletter filled with timely and relevant career and employment information-- local and national-- for the campus community. Topics include trends by career field, employment outlook for graduating seniors, "real world" tips from employers and alumni, and valuable information for students in all stages of their career process.

Both publications are available to students free of charge.

Employer-In-Residence: The Employer-In-Residence gives students advice on resumes, cover letters, and interviewing concerns and offers mock interviews with a videotaping review of the session. Participants represent companies which typically use Career Center services for their employment needs. To meet with the Employer In-Residence, students must make an appointment through the Center.

Credentials Service: Every UMCP undergraduate and graduate student can establish a permanent, professional file which serves as a depository for letters of recommendation and background information to support applications for employment and graduate/professional schools. ***NOTE:*** *All senior Education majors are required to establish a credentials file.*

Student Employment Center (SEC)

Within the Career Center, the SEC seeks to enhance the employment experiences of UMCP students through a variety of services, programs, advocacy, and research. The SEC advocates an "earn and learn" philosophy by helping students to see the connection between their work experiences and their classroom learning or academic major, while earning experience, money, and/or credit. The SEC provides "one-stop shopping" where students can look for:

- part-time jobs
- internships
- cooperative education (co-op) positions
- graduate assistantships
- full-time employment

Students interested in pre-professional work experiences should consider an internship or co-op. Interested students should view the Center's "Earn While You Learn" video to learn about these positions and find out how to pursue academic credit. For specific requirements, see *Experiential Learning Course* below.

Through the SEC's TERP (The Employment Registration Program) Online, students can access job listings and sign up for on-campus interviews from any computer with Internet access, 24 hours a day.

FEDERAL WORK STUDY STUDENTS NOTE: *Students eligible for Federal Work Study/ Community Service positions should contact the Office of Student Financial Aid at 301-314-8313.*

TERP (The Employment Registration Program) Online: For fast and comprehensive access to employment opportunities, the Career Center recommends that every student register for TERP Online. TERP Online provides students access to SEC services (Job Listings, On-Campus Interviewing, and Resume Referral) as well as updated information on career and job fairs. TERP Online students receive special e-mail bulletins on upcoming employer events related to their major. The system is easy to use, and is accessible through any computer with Internet access. For information or assistance, contact the Career Center or access http:// www.CareerCenter.umd.edu. ***NOTE:*** *Students must re-register once a year in order to maintain active information in our database.*

Job Listings: Current job listings--including part-time, internship, cooperative education, graduate assistantship, and full-time positions-- are accessible 24 hours a day via TERP Online and in the Resource Room during Career Center hours.

On-Campus Interviewing: On-Campus Interviewing offers students the opportunity to interview on campus with a variety of employers for part-time, internship, cooperative education or full-time positions. To participate in On-Campus Interviewing, students must register for TERP Online. ***NOTE:*** *On-Campus Interviewing is available to recent alumni for one semester after graduation.*

Resume Referral: This resume database allows students and alumni to present their qualifications to employers who are not interviewing on campus. Through posting a resume in the SEC's database, the student joins a pool of candidates accessible to employers requesting applicants with specific skills or backgrounds to fill their current job openings. Employers review the resumes and then contact qualified candidates to arrange office interviews or request additional information. Last year alone, the Career Center sent almost 40,000 student resumes to employers. To take advantage of Resume Referral, students must register for TERP Online.

ENGINEERING MAJORS NOTE: *for part-time, internship, and cooperative education positions, contact the Engineering Co-op and Career Services office at 301-405-3863.*
BUSINESS MAJORS NOTE: *for part-time, internship, cooperative education, and full-time positions contact the Undergraduate Business Career Services office at 301-405-7103.*

Academic Courses

EDCP 108D - College and Career Advancement: Career Planning and Decision-Making. Confused about choosing a major? This course helps students identify career interests, skills, and values and how they relate to UMCP majors. Recommended for Freshmen and Sophomores. 1 credit

EDCP 108J - College and Career Advancement: Job Search Strategies. This course is designed to help students learn special skills needed to be successful in today's job market. Topics include: networking, interviewing, resume writing, and planning for your career future. Junior or Senior standing required. 1 credit

Experiential Learning Course - Courses Numbered 386: Through 386 courses, students may earn academic credit for their internship and cooperative education experiences. *NOTE: If your department of interest does not offer 386 credit, you may consider another experiential learning course number in that department.*

The following are requirements for earning 386 credit:

- To be eligible a student must have earned 56 credits, including 12 at UMCP and 3 in the department in which credit is to be awarded.
- 386 may be taken only once in any given department.
- 386 may be taken in only one department per semester.
- 386 may be taken for a maximum of 12 credits as part of an undergraduate program.
- The number of credits earned depends on the number of hours worked at the site plus time spent on completing projects as stipulated in the Learning Proposal.
- Only the work hours completed during the semester earning credit will be counted toward your total hours for credit.
- Credit will be awarded ONLY for the semester in which you are actually working at your site.

In order to earn credit, students must secure a faculty sponsor --in the department where pursuing credit-- and complete a one-page Learning Proposal. The Learning Proposal must be signed by the student, the on-site supervisor and the faculty sponsor and be submitted to the Career Center for approval.

Special Events

Special events bring students and employer representatives together for information exchange and employment contact. Stay tuned on the following special event through the Center or its web site.

FALL

- Part-Time Job Fair
- Graduate & Professional School Fair Grad Day
- Graduate & Professional School Fair Law Day
- Career Week
- Career Fair (Internship, co-op, and full-time)
- International Student Job Fair
- Holiday Job Fair
- Teacher Recruitment Days

SPRING

- Multi-Ethnic Student Career & Job Fair
- National Student Employment Week
- Spring Job Fair (summer, internship, co-op, part-time and full-time)
- MD Area Teacher Interviewing Consortium

Hours of Operation (Hours vary during the summer and semester breaks.)

	Resource Room	*Walk-in Assistance*	**TERP Online Technical Assistance**
Monday	**8:30am-4:30pm**	**11:00am-3:00pm**	**contact the Center for current times**
Tuesday	**8:30am-4:30pm**	**11:00am-3:00pm**	
Wednesday	**8:30am-7:30pm**	**11:00am-7:00pm**	
Thursday	**8:30am-4:30pm**	**11:00am-3:00pm**	
Friday	**8:30am-4:30pm**	**11:00am-3:00pm**	

Change of Address Procedure

Change in either mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar and the Office of Records and Registrations. Address Change Forms are available at the following places:

1. Office of the Bursar, Room 1115 or 1135, Lee Building, 8:30 a.m. to 4:30 p.m., Monday-Friday.
2. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday
4. MARS Kiosks : Mitchell Building, Stamp Union, Ellicott Dining Hall, Van Munching Hall, 7:30am-11:00pm
5. Testudo Web Site: www.testudo.umd.edu select Records and Registration

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three proceeding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.300 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at University of Maryland, College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

28 GENERAL

Commuter Affairs

Located in 1195 Stamp Student Union, Commuter Affairs provides important information to commuter students on housing, transportation, and involvement opportunities. We sponsor a weekly "Good Morning, Commuters!" program with coffee, doughnuts, and information about campus resources on Wednesdays between 7:30 a.m. and 9:30 a.m. The SHOW (Student Housing Orienting and Welcome) program and Commuter Survival Day are offered each summer to assist new commuter students in adjusting to campus life. For more information call Commuter Affairs and Commuting Service at 301-314-5274 or visit our web site at http://www.inform.umd.edu/CACS.

The Counseling Center

Shoemaker Building, Phone 301-314-7651, Fax 301-314-9206
http://www.inform.umd.edu/CampusInfo/Departments/Counseling
Seeking help is a sign of strength! Many students encounter a variety of personal, social, career, and academic issues that call for assistance beyond advice provided by friends and family. Fortunately, the Counseling Center provides free and confidential counseling services to all UMCP students. To schedule an appointment call 301-314-7651 or stop by the Shoemaker Building. Walk-in counseling is available to minority students every day from 3 to 4 p.m.

Counseling Center Services

Personal/Social Counseling. You don't have to deal with your problems alone. In a warm and supportive environment, you can meet with a professional counselor to discuss any concern you may have related to your personal and social well-being. Among the topics many students discuss in counseling are self-esteem, stress, relationship issues, sex, family problems, and loneliness. You may see a counselor for individual counseling or join one of the many counselor-led support groups. Call 301-314-7651

Career Counseling. A normal part of your development in college is identifying who you are in relation to a future career. You can get help with this process in individual career counseling at the Counseling Center. Your exploration may include taking career interest tests and interpreting the results with a professional counselor or taking advantage of a computerized career information system. Whether you are choosing a major, establishing career goals, or considering job opportunities, it is important to understand how your personality, values, and interests relate to your future professional life. Career counseling at the Counseling Center is a good place to begin. Call 301-314-7651.

Academic Skills Counseling. Many students have academic skills that they would like to improve. If you're tired of struggling because of your own weak areas, schedule an appointment to see the Counseling Center's education specialists. They can help you enhance such skills as reading, writing, note-taking, learning science and math material, and learning statistics. Workshops cover a range of topics, including study skills, exam skills, time management, English conversation, end-of-semester survival skills, and completing your thesis or dissertation. Call 301-314-7693.

Workshops and Group Counseling. You can gain strength to deal with your concerns by getting together with other people who share similar problems, interests, and goals. Each semester, the Counseling Center offers weekly support groups addressing a variety of topics, such as career exploration, dissertation support, procrastination prevention, and stress management. Recent group offerings have included, "Caught in the Net," a support group for reducing dependency on e-mail and the Internet; "Circle of Sisters," a support group for black women; "Women, Food, and Obsession with Thinness," which addresses problems of body image and eating; and "Living with Illness," a group that assists people living with chronic illness. Call 301-314-7651.

Support for Students with Disabilities. The Counseling Center provides a range of services for students with disabilities, including help in locating interpreters for deaf or hard-of-hearing students; readers for visually-impaired students, blind students, and students with learning disabilities; and assistance with access to various buildings and facilities on campus. If you are a new or returning student, contact the Disability Support Services Office in the Counseling Center as soon as possible. Call 301-314-7682, voice and TTY.

Returning Students Program. If you are over 25 and returning to school after a break in your formal education, you probably have different needs than the traditional college student. The Returning Students Program is designed to help you with the transition to academic life. Workshops, counseling, and publications are available at the Counseling Center to make your adjustment to the university successful. Call 301-314-7693.

Testing Services. The Counseling Center administers tests for counseling purposes, such as career interest inventories, and also administers national standardized tests, such as the GRE, LSAT, MCAT, GMAT, and Miller Analogies. Call 301-314-7688.

Research Services. Group and individual consultation are available if you need assistance with research design and statistics and writing project proposals, theses, and dissertations. Call 301-314-7687.

Consultation and Evaluation for Parents and Children. Consultation, counseling and child testing are available to assist parents, single parents, and their children (ages 5-14). 301-Call 314-7673.

Counseling Center Hours

Counseling appointments (all students):

Monday-Thursday	8:30 a.m. to 9 p.m.
Friday	8:30 a.m. to 4:30 p.m.

Minority student walk-in counseling (no appointment needed):

Monday-Friday	3:00 to 4:00 p.m.

Credit by Examination for Undergraduates

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Division of Letters & Sciences (L&S), Room 1117, Hornbake Library. See Wendy Japal, 301-314-9423. For more information, consult the undergraduate catalog.

Disclosure of Student Records (Buckley)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights of Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records.

(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent.

(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information includes but is not limited to:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Previous Educational Institution Attended
Major Field of Study	e-mail address

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, Mitchell Building, and return the completed form to the Registrations Counter. **To limit disclosure of Directory information and printing of information in the student directory requests must be made within 3 weeks from the first day of the semester in which the student begins each school year.** Such requests must be filed annually within the above allotted time.

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 600 Independence Avenue, S.W., Washington, D.C. 20202-4605.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Drug and Alcohol Abuse Policy

The illegal or abusive use of drugs or alcohol by members of the campus community jeopardizes the safety of the individual and the campus community, and is inimicable to the academic learning process. The University of Maryland is therefore committed to having a campus that is free of the illegal or abusive use of drugs and alcohol. In keeping with this commitment, it is the policy of the University that the illegal or abusive use of drugs or alcohol is prohibited on University property or as part of University activities. This POLICY is to notify students of prohibited conduct and disciplinary actions which may result from violation of University policy.

Prohibited Conduct: Drugs
The *Code of Student Conduct* prohibits, on University premises or at University sponsored activities, the

1) unauthorized distribution; 2) possession for purposes of distribution 3) use; or 4) possession of any controlled substance or illegal drugs.

"Controlled substance" and "illegal drugs" prohibited under the Code are set forth in Schedules I through V in Article 27, part 279 of the Annotated Code of Maryland.

Prohibited Conduct: Alcohol
The *Code of Student Conduct* prohibits the violation of published University regulations or policies regarding the possession, use or distribution of alcoholic beverages, as approved and compiled by the Vice-President for Student Affairs. These policies, generally described below and subject to amendment from time to time, are available for public inspection during normal business hours in the Judicial Programs Office.
The Resident Life Alcohol Policy controls the use, possession or distribution of alcohol in campus residence halls. This policy prohibits the possession or use of alcohol by any student under the age of 21 or the furnishing of alcohol to a person known to be under the age 21. It prohibits common containers (such as a keg or punchbowl) the sale of alcohol, and parties involving alcohol. Students of legal drinking age may consume alcohol in their rooms, suites or apartments only.
The Office of Campus Program Alcohol Policy controls the use, possession, or distribution of alcohol by students on University premises or at University sponsored activities. This policy prohibits the possession or use of alcohol by any student under the age of 21 or furnishing of alcohol to a person known to be under the age of 21. Alcoholic beverages otherwise may not be possessed, consumed or distributed at University sponsored events occurring on University premises unless advance written approval has been obtained from the Office of Campus Programs. In addition, the University Policy on Possession or Use of Common Containers of Alcohol prohibits the possession or use of kegs, beer balls, punch bowls, and other common containers of alcoholic beverages or a similar nature on University property, except for possession and use resulting from licensed purchase by the University's Department of Dining Services.
Disciplinary Sanctions Sanctions for violations of University drug and alcohol policies include expulsion, suspension, disciplinary probation, disciplinary reprimand, restitution, dismissal from University housing, housing probation, work or research projects, and restrictions on further use of University facilities. **The standard penalty for first time possession or use of illegal drugs is a one year suspension. The standard penalty for distribution of illegal drugs is expulsion.** Students may be accountable to both civil authorities and the University for acts which constitute violations of law and University policy. Disciplinary action at the University will normally proceed during the pendency of criminal proceedings and will not be subject to challenge on the grounds that criminal charges involving the same incident have been dismissed or reduced.

Emergency Weather Conditions

When there are severe weather conditions, you should listen to the radio or watch TV to find out whether the university has decided to close. The following are the TV channels and radio stations the university contacts when there is an announcement to **CLOSE** the university because of a severe weather emergency. **NO TV OR RADIO ANNOUNCEMENTS ARE MADE WHEN THE UNIVERSITY REMAINS OPEN. However, a message will be placed on the campus information line (405-1000) by 6:00 am to announce that the campus is open, or that normal operation has resumed following a closing for emergency weather conditions.**

Radio Station	Frequency	Location	TV Station	Channel	Location
WMZQ	1390AM/98.7 FM	D.C. Area	WJLA	7	D.C. Area
WAVA	105.1 FM	D.C. Area	WRC	4	D.C. Area
WASH	97.1 FM	D.C. Area	WUSA	9	D.C. Area
WTOP	1500 AM	D.C. Area	WTTG	5	D.C. Area
WRC	980AM	D.C. Area	WJZ	13	Baltimore Area
WMAL	630 AM	D.C. Area	WMAR	2	Baltimore Area
WGAY	99.5 FM	D.C. Area	WBAL	11	Baltimore Area
WARW	94.7 FM	D.C. Area	Newschannel	8	D.C. Area Cable
WETA	91 FM	D.C. Area			
WPGC	1580 AM/95.5 FM	D.C. Area			
WRQX	107.3 FM	D.C. Area			
WLIF	102 FM	Baltimore Area			
WBAL	1090 AM	Baltimore Area			
WCAO	600 AM	Baltimore Area			
WPOC	93.1 FM	Baltimore Area			

CAMPUS INFORMATION: 301-405-1000

As soon as a decision is made, the Office of University Relations calls all of the media listed above. Although the university tries to insure that its message is used, it cannot control announcements presented on the radio or TV.

English Editing for International Graduate Students

The English Editing for International Graduate Students (EEIGS) program, operating under the aegis of the University of Maryland Office for Graduate Studies & Research, offers editing services to international graduate students who must present their required seminar papers, theses, dissertations, etc. in English. This program is staffed by volunteers from the university's Retired Volunteer Corps and Golden ID group, and by volunteers from other university and non-university sources. These services are free.

The EEIGS program operates as follows:

1. Names and telephone numbers of volunteer editors on whom the student may call may be obtained by calling Mr. Freitag, the program coordinator, at (301) 277-3449.
2. The student can contact a volunteer editor to arrange for the editing services. If an arrangement does not work out satisfactorily, either the student or the volunteer editor may discontinue the service. The student may then seek another volunteer editor.
3. The student should allow a reasonable amount of time for the editing services. Long documents will not be edited on very short notice.
4. Editing services are expected to take place on the University of Maryland campus. The student is responsible for finding working space (for example, an empty classroom or office in the department in which he/she is majoring.)
5. The student is expected to inform the Director of Graduate Studies of the Department in which he/she is majoring about the aid being received through this program.

There are also graduate students and others on the University of Maryland campus who offer English language editing services for a fee. Graduate students in the Department of English who will do editing for a fee can be contacted through the Writing Center, Department of English, 0125 Taliaferro Hall, 301-405-3785.

The Student Employment Center of Resident Life

The Student Employment Center is a free, centralized service for students seeking on-campus employment within the Department of Resident Life. The SEC maintains jobs descriptions of all the student positions for which the Department hires. Hourly paid positions include, but are not limited to, Desk Receptionist, Community Assistant, Clerical Assistant, and Information Assistant.

Positions are available for both residents and non-residents. They may be standard paid, work-study if a student has such funds designated from Financial Aid, and workship. In the case of workship positions, a portion of the housing costs are remitted in exchange for specified work hours completed by the end of the term.

Recruitment and interviewing for Resident Assistants, leaders who serve 40 - 60 students in floors, suites, or apartments, occurs once each year, with applications available mid-September and a deadline for returning them set for the first week of October. Decisions regarding candidates take place throughout the fall, with hired and alternate candidates taking a class in the spring semester to prepare for the position.

Information regarding Graduate Assistantships with the Department of Resident Life is maintained through this office, as well. Persons who are interested in Assistantships may call the SEC and leave a name, mailing address and phone number, along with the anticipated program and semester of initial study. Information is sent out in mid-December for the following academic year, and applications are generally due February 15.

The Student Employment Center is located in Room 0102 Cecil Hall. Applications for hourly paid positions may be obtained daily from 8:30 am to 4:30 pm Monday through Friday. In order to meet with a staff member, to ask for more specific information, or to determine the staffed office hours, please call 301-314-5111.

University Health Center (UHC)

The University Health Center (UHC) located on Campus Drive, across from the Stamp Union is a nationally accredited health care facility. The services provided by the UHC include: urgent care for serious illness and injury, primary care for illness and injury, dental clinic, men's clinic, women's clinic, anonymous HIV/AIDS testing, allergy clinic, asthma management and education clinic, sports medicine, physical therapy (located in the HHP Building), nutrition education, mental health clinic, travel clinic, substance abuse counseling, social services, laboratory, radiology (x-ray) pharmacy and a faculty/staff assistance program. Individual and group health education programs are available on topics such as sexual health and contraception, sexual assault, stress management, substance abuse, dental health, eating disorders, depression and suicide. The UHC is open Monday through Friday from 8:00 a.m. until 10:00 p.m., and Saturday and Sunday from 9:00 a.m. until 5:00 p.m., with varied hours during the summer, semester breaks and holidays. Students can be seen on a walk-in basis during all hours of operation or by appointment during the hours of 9:00 a.m. and 5:00 p.m. on weekdays. Appointments are strongly encouraged whenever possible to reduce your waiting time. Every currently registered student is eligible to use the UHC. Effective 9/2/97, there will be a $10 copayment for visits with most of our providers. There are additional fees for procedures such as x-rays, laboratory tests, immunizations, dental care, allergy injections, casts, physical therapy, massage, some health education programs, and medications and/or supplies dispensed through the pharmacy and/or medical units. These charges can be posted to the student's account at the Bursar's Office or paid at the Health Center Pharmacy. (Charges paid for at the Health Center Pharmacy will not appear on the student account.)

We are not a participating provider with any insurance company except for the University sponsored health plan. We will provide students with a coded bill which can be submitted to his/her insurance company for reimbursable services. Students are advised to check with their insurance company to see whether or not they cover such services. MAMSI Life and Health Insurance Co. provides a group health insurance policy to University of Maryland, College Park students. Students are eligible to enroll at the beginning of the fall semester, spring semester, or Summer Session I.

All students' medical records are strictly confidential and may only be released by the student's consent or through a court ordered subpoena.

UHC Phone Numbers:

Information	314-8180
Appointments	314-8184
Mental Health	314-8106
Pharmacy	314-8186
Women's Health	314-8190
Dental Health	314-8178
Substance Abuse Program	314-8128
Sexual Assault and Abuse Hotline	314-2222
Student Health Advisory Committee	314-8101
Health Education	314-8128
Health Insurance	314-8165
Therapeutic Massage	314-8128
Faculty / Staff Assistance Program	314-8170

Housing Service, Off-Campus

Commuter Affairs provides a free listing and referral service for students, faculty and staff who are seeking housing or have a property to rent. The office is located in Commuter Affairs and Community Services, 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m.and Wednesday evenings until 8:00 p.m., 301-314-3645. Listings also on web site http://www.inform.umd.edu/CACS (choose Housing link as option).

Human Relations Code

THE UNIVERSITY'S HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE CAMPUS COMMUNITY ON THE BASIS OF:

- race
- personal appearance
- color
- national origin
- age
- political affiliation
- creed
- sexual orientation
- marital status
- mental or physical disability
- sex
- The excercise of rights secured by the First Amendment of the United States Constitution.

If you feel you have been subjected to any form of discrimination, you may file a complaint with the Office of Human Relations Programs, or with a member of the Equity Council:

Equity Council

Mr. L. Ray Gillian
Office of the President,
405-5795
1111 Main Administration
lgillian@deans.umd.edu

Dr. Amel Anderson
College of Life Sciences,
405-2085
1224 Symons Hall
aanders@deans.umd.edu

Dr. Cordell W. Black
Office of Academic Affairs,
405- 7227
1127C Main Administration
cblack@vpaap.umd.edu

Dr. Gladys Brown, Director,
Office of Human
Relations Programs,
405-2838
1107 Hornbake Library
gbrown@umdacc.umd.edu

Ms. Roberta H. Coates,
Staff Ombuds Officer,
405-0805
3194 Taliaferro Hall
rcoates@umdacc.umd.edu

Dr. Colleen M. (Coke) Farmer
College of Health &
Human Performance,
405-2475
2314 Health & Human
Performance Building
cf4@umail.umd.edu

Dr. Linda B. Gambrell
College of Education,
405-2336
3119 Benjamin Building
lg3@umail.umd.edu

Dr. George Goldenbaum
College of Computer,
Mathematical and Physical
Sciences,
405-2313
3417 A.V. Williams Building
ggoldenb@deans.umd.edu

Ms. Cynthia Hale
College of Behavioral and
Social Sciences,
405-1684
2141 Tydings Hall
chale@bss2.umd.edu

Dr. Diana R. Jackson
Office of Continuing Education,
Summer & Special Programs
405-6583
2103 Reckford Armory
djackson@deans.umd.edu

Ms. Wendy A. Jacobs
College of Arts and Humanities
405-2354
1103 Francis Scott Key Hall
wj1@umail.umd.edu

Mr. Gene A. Johnson
College of Agriculture,
405-1177
1326 Symons Hall
gj15@umail.umd.edu

Mr. Warren Kelley
Office of Student Affairs,
314-8431
2108 Mitchell Building
wkelley@umdacc.umd.edu

Laura Keohane, Campus
Compliance Officer, Office of Human
Relations Programs,
405-2839
1107 Hornbake Library
lkeohane@umdacc.umd.edu

Dr. Melvin R. Levin
School of Architecture,
405-6797
1149 LeFrak Hall

Dr. Arnold M. Medvene
Faculty Ombuds Officer,
314-7661
1131 Shoemaker Building
am28@umail.umd.edu

Mr. William L. Powers
School of Public Affairs,
405-6336
2101 Van Munching Hall
bpowers@puafmail.umd.edu

Dr. Louiqa Raschid, College of Business
and Management,
405-2228
4315 Van Munching Hall
louiqa@umiacs.umd.edu

Dr. Horace L. Russell
Clark School of Engineering,
405-5284
1131 Engineering Classroom
Building
hruss@eng.umd.edu

Dr. Grieg M. Stewart
College of Journalism,
405-3290
1118 Journalism Building
gstewart@jmail.umd.edu

Dr. Sylvia S. Stewart
Office of Administrative Affairs,
405-1109
1132 Main Administration
sstewart@umdacc.umd.edu

Dr. Gerry B. Strumpf
Academic Services,
314-8217
0219 Stamp Student Union
gstrumpf@umdacc.umd.edu

Dr. Claude E. Walston, College of
Library and Information Services,
405-2049
4117 Hornbake Library
cw6@umail.umd.edu

Ms. Patricia G. Wang, Office of
University Advancement,
405-7764
3124 Lee Building
pwang3@umdacc.umd.edu

Sexual Harassment

Sexual Harassment by University faculty, staff, and students is prohibited by the "University's Policy and Procedures on Sexual Harassment." This policy and procedures can be obtained by calling the Office of Human Relations Programs (OHRP) at 301-405-2838. Brochures and posters are available at the same number. The OHRP also provides training and education on sexual harassment and is willing to customize a program based upon audience needs. If you suspect you have been the target of sexually harassing behavior, or are accused of this type of discrimination, please call OHRP.

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Spring 1998 semester will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times. Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Identification Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $20.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registration 301-314-8240.

International House at Dorchester Hall

Also called "I-House", this specialty house offers undergraduates an exciting living experience, rich in cultural diversity and friendship. About 60% of the residents are from the U.S. and about 40% are from 35 countries around the globe. Through the student-run I-House Council, students organize an array of activities and events to encourage intercultural understanding within I-House and across the campus. Please call the I-House Coordinator at 301-314-7742 for more information, or send e-mail to: iesadv@deans.umd.edu.

International Student Information

Students on Nonimmigrant Student (F-1 and J-1) Status: Students with F-1 or J-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their visa status. The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in immigration regulations.

Documents: Your passport must be kept valid at all times. If your I-20 or IAP-66 will soon expire you should apply for an extension at least 30 days prior to the program completion date on the document. **F-1 and J-1 students are required to carry adequate health insurance while attending the University.** There are new federal health insurance regulations for J-1 students and scholars, and their dependents, effective September 1, 1994. Students must either purchase the health insurance plan available in the Office of International Education Services, or show proof of comparable coverage. See Nancy West in the Health Center for assistance with insurance.

All Students on Non-Immigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Records and Registration.

Course Available: *EDCP 108X: Academic Skills for International Students.* This one unit course orients students to the academic and social culture of an American university, with emphasis on successful class participation, effective use of campus resources (including library and research materials), and development of academic skills, particularly written and oral communication.

International Students Information and Questions: The Office of International Education Services, Room 3116, Mitchell Building. Phone 301-314-7740. Email:iesadv@deans.umd.edu.

IESNEWS is a listserv (messages received on your electronic mail account) sponsored by the Office of International Education Services. Information distributed on IESNEWS is of interest to international students, scholars, and faculty at the University of Maryland. To receive messages from IESNEWS send a message to LISTSERV@UMDD.UMD.EDU. The message should say "SUBSCRIBE IESNEWS first name last name". No quotations marks. You should send the message from the email box (address) where you want to receive IESNEWS mail. If you need assistance, you can reach the list manager at iesnews@deans.umd.edu.
We have a new homepage! You can reach IES from UMCP's main homepage (http://www.umcp.umd.edu/) by selecting "international programs" or for direct access to the International Programs page use http://www.inform.umd.edu: /EdRes/Intl/.

Libraries at University of Maryland

The University of Maryland Libraries include over 2.6 million volumes, 5.1 million micorform items, and some 26,000 current periodicals and newspapers, as well as over 895,000 government documents, some 216,000 maps and approximately 157,000 nonprint media sources. Reference sources, both automated and print, provide up-to-date and effective access to information.

The Libraries are in the midst of a major reorganization of services to undergraduates which will transform and dramatically improve the way information is delivered to support their classroom learning and research. Such changes will have a major impact on the use of the library facilities involved and take a significant amount of time to implement fully. The full transition is expected to take from 18-24 months. The principal effort will involve consolidating undergraduate collections, periodicals, and reference services, and moving them from the Hornbake Library to the Theodore R. McKeldin Library and the branch libraries. Most Special Collections, currently located in several sites within McKeldin, will be relocated to Hornbake after space there is properly renovated to accommodate the materials and services. The East Asia and Prange Collections, as well as Government documents, will remain at McKeldin.

The first undergraduate services to move to McKeldin during 1997-98 transition year were reference and information services, this occurring at the beginning of the Fall 1997 semester. Relocation of Hornbake Periodicals, Circulation and Reserves will occur incrementally and, whenever possible, to coincide with inter-terms. The Hornbake Library will continue to house Nonprint Media Services, the National Public Broadcasting Archives, The Library of American Broadcasting, The Performing Arts Library (formerly the Music Library) will remain in the Hornbake Library building until the new Performing Arts Center is completed.

Art Library (Art-Sociology Building)
Architecture Library (Architecture Building)
Engineering and Physical Sciences Library (Mathematics Building)
Music Library (3rd floor, Hornbake Library)
White (Chemistry) Memorial Library (Chemistry Building)

All UMCP students, faculty, and staff may borrow from all UMCP Libraries and other campuses in the University of Maryland system.

Non-Discrimination Policy

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, or disability. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, The Americans with Disabilities Act or related legal requirements should be directed to:

Campus Compliance Officer
Office of Human Relations Programs
Room 1107, Hornbake Library
University of Maryland,
College Park, MD 20742
301-405-2838

Participation by Students in Class Exercises that Involve Animals

Students who are concerned about the use of animals in teaching have the responsibilities to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course. Departments including courses where animals are used must actively inform students of such courses including, but not limited to, notices in the Catalog.

The University of Maryland, College Park campus, affirms the right of the faculty to determine course content and curriculum requirements. The University, however, also encourages faculty to consider offering alternatives to the use of animals in their courses. In each course, the instructor determines whether the use of animals in classroom exercises will be a course requirement or optional activity. The following departments currently have courses that may require animals to be used in class activities. Animal Sciences, Microbiology, Poultry Science, Psychology, Veterinary Medicine, Zoology, and courses with the NFSC prefix.

30 GENERAL

Shuttle-UM

Shuttle-UM, University of Maryland's transit system, is professionally operated by University students and offers a variety of transportation services for all University students, faculty, and staff. Commuter service operates 5 days a week during the Fall and Spring semesters, while classes are in session. Service to the College Park Metro Station is provided 7 days a week during Fall and Spring semesters, and 5 days a week during the summer. Buses travel between campus and nearby neighborhoods, apartment complexes, shopping centers, and Metrorail, Amtrak and MARC train stations. Only a valid University ID is needed to board a Shuttle-UM bus. Exceptions are made for the College Park Metro and Park and Ride routes — University guests are welcome on these routes without identification. Paratransit service is available on campus 5 days a week for people with temporary or permanent disabilities. Security service operates 7 nights a week while classes are in session (including summer semester). In addition, Shuttle-UM buses are available for charters. Charter buses travel anywhere in Washington D.C., most of Maryland and parts of Northern Virginia. For more information on these services call Shuttle-UM at 301-314-2255, or stop by the Commuter Affairs and Community Service office, 1195 Stamp Student Union, 301-314-5274. Information is also available under "Transportation" on the InforM network. You may also access Shuttle-UM's web page directly at www.inform.umd.edu/shuttle.

Smoking Policy

The University of Maryland College Park has found that a significant percentage of faculty, staff and students do not smoke, smoke is offensive to many non-smokers, it is harmful and even debilitating to some individuals due to their physical condition, and there is evidence suggesting that passive smoke inhalation is harmful to non-smokers. In response to the above considerations, it is hereby established as the policy of UMCP to achieve a public facility environment as close to smoke-free as practicably possible. Obtaining and maintaining this result will require the willingness, understanding, and patience of all members of the Campus community.

It is the policy of UMCP to follow all federal, state, or local laws regarding smoking. This Smoking Policy is in addition to any such policies which may be in effect.

Guideline: Smoking is prohibited in indoor locations.

Implementation: Unit heads or their designees are responsible for assuring that this policy is communicated to everyone within their jurisdiction and to all new members of the Campus community; implementing the policy and guideline and assuring that appropriate notice is provided. Developing guidelines to embrace all special circumstances in the campus is impossible. If unit heads find circumstances in their areas that they believe warrant exception from particular provisions in this Smoking Policy and Guidelines, they may address requests for specific local exceptions to the President or his or her designee.

Compliance: This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the Campus community to observe this Smoking Policy and Guideline. Complaints or concerns regarding this policy or disputes regarding its implementation should be referred to the immediate supervisor for resolution. If a resolution cannot be reached, the matter will be referred by the supervisor to the appropriate department head or vice president for mediation.

Review: The provisions and guidelines attached to this Smoking Policy shall be subject to future review and revision to ensure that the objective is obtained. Special attention shall be given to determining if voluntary compliance without disciplinary sanctions has proven satisfactory.

Residential Housing: This policy does not apply to privately occupied portions of University-owned residential space, such as dormitory rooms, apartments, and houses.

Social Security Number

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, Mitchell Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

Transcript Services

Unofficial Transcripts:

Unofficial transcripts are available for currently enrolled students at MARS Kiosks (Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and the Mitchell Building), and under ***Student Services*** on the Testudo Home Page (http://www.testudo.umd.edu). Students can also review unofficial ADVISE copies which are available at college offices and on UMSTARS (see below for UMSTARS information)

Official Transcripts:

If record information is needed for other purposes, please request an official transcript. There is no charge, and for your convenience, there are four ways to request an official transcript:

1. Come to Student Services, Room 1101, Mitchell Building. Upon presentation of identification, students who were enrolled 1975 and after can receive their official transcript on the spot.

2. Written requests may be mailed or faxed to the Records Office. Please include your name or former name, social security number, and dates of attendance.

Student Services
Room 1101 Mitchell Building
University of Maryland
College Park, MD 20742
FAX: 301-314-9568

No need to come to campus!
Use www.tesdudo.umd.edu to request transcripts.

3. MARS Kiosks - Requests to have official transcripts mailed can be made at any of the four Kiosks on campus (Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and the first floor of the Mitchell Building).

4. World Wide Web Testudo - Official Transcript requests can now be made on the Web for students with PINs (personal identification numbers). Use Testudo - http://www. testudo.umd.edu and select *Records & Registration.*

NOTE: Generally mail-in, faxed, Kiosk and Testudo requests are processed and mailed the following business day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact Records and Registrations, 301-314-8240, if you have any questions.

Transfer Credit Evaluation Center

The Transfer Credit Evaluation Center provides transfer credit information and assistance to transfer advisors and students. This service, a joint effort between the Offices of Undergraduate Admission and the Registrar, is computerizing and consolidating the transfer credit process. Students and advisors work together to decide how courses fit into a student's individual program, while the Center provides information on course equivalencies, credit reports and articulation tables. If you have any questions about the Center please call 301-314-8385 or 314-8257.

Tutorial Services

Tutorial services are available to all eligibleUMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Academic Achievement Programs (AAP) Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring early in the semester.

Students interested in becoming paid tutors should call 301-405-4749 or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

UMSTARS-University of Maryland Student Transactions, Audit and Records System

UMSTARS is a computer system which enables students to view personal and academic information. Information is updated every Sunday. Students can use UMSTARS to verify the accuracy of personal information, evaluate progress toward a degree, identify academic strengths and weaknesses, determine the extent to which UMCP CORE or USP requirements have been met, check the status of transfer credit equivalency requests, and examine billing history.

UMSTARS can easily be accessed at *aITs* (Academic Information Technology Services) WAM labs, any of the more than 800 computer workstations across campus, in college advising offices, or any modem equipped computer (including dial-up lines from home). Look for the UMSTARS menu option on campus computer lab menus, or dial "telnet umstars" from remote sites. If you need assistance connecting to the campus network call *aITs* at 405-1500. For questions about UMSTARS call the Helpline at 314-1600.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistance and enrollment certification at the Veterans Certification Office in the Registrar's Office, Room 1101, Mitchell Building. The staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services.

It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the Department of Veterans Affairs of the above changes to prevent delays in receipt of benefits.

University Book Center

Stamp Student Union, lower level
Phone: 301-314-BOOK(2665)
Fax: 301-403-8326
Web: www.inform.umd.edu/ubc

The Book Center provides a convenient(on-campus) selection of textbooks and general interest books, including literature, technical books, and best sellers. The store also offers a large selection of school and office supplies, computers, software, and a wide selection of imprinted clothing and related insignia items.

The Book Center is open Monday through Friday, 8:30am to 6:00pm, Saturday, 10:00am to 5:00pm, and Sunday, 11:00am to 5:00pm. Additional hours for the start of each semester and for special events.

The Book Center offers part-time positions to all full-time students currently registered at the College Park Campus. Applications are accepted at all times and students may choose to apply to the store in general, or may apply to the department of their choice. We have student employee positions in every department and our student staff members represent approximately 75% of our total staff.

Positions are available as standard hourly paid, work-study if a student has such funds designated from Financial Aid, and workship to cover a portion of the on-campus housing or food costs.

Applications are available during all store hours, at the customer service deck in the front lobby of the store.

COLLEGE ORGANIZATION CHART

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE-MARYLAND CAMPUS

DEPARTMENT OF
- AGRICULTURAL AND RESOURCE ECONOMICS
- ANIMAL AND AVIAN SCIENCES
- BIOLOGICAL RESOURCES ENGINEERING
- NATURAL RESOURCES SCIENCES AND LANDSCAPE ARCHITECTURE
- NUTRITION & FOOD SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS/CURRICULA
- AGRICULTURAL SCIENCES, GENERAL
- ENVIRONMENTAL SCIENCE AND POLICY
- NATURAL RESOURCES MANAGEMENT

SCHOOL OF ARCHITECTURE

ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
PROGRAMS/CURRICULUM
- ARCHITECTURAL HISTORY
- DESIGN
- PRESERVATION
- TECHNOLOGY
- URBAN PLANNING

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF
- AMERICAN STUDIES
- ART
- ART HISTORY AND ARCHAEOLOGY
- CLASSICS
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC STUDIES
- ASIAN AND EAST EUROPEAN LANGUAGES AND LITERATURES
- HISTORY
- LINGUISTICS
- MUSIC
- PHILOSOPHY
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- SPEECH COMMUNICATION
- THEATRE
- WOMEN'S STUDIES

PROGRAMS
- COMPARATIVE LITERATURE
- EAST ASIAN STUDIES
- FOREIGN LANGUAGE (FOLA)
- JEWISH STUDIES
- ROMANCE LANGUAGES
- RUSSIAN AREA STUDIES

CENTERS
- ART GALLERY
- NINETEENTH CENTURY MUSIC
- RENAISSANCE AND BAROQUE STUDIES

LANGUAGE CENTER
- LANGUAGE HOUSE
- LANGUAGE MEDIA CENTER
- MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

PROGRAMS / DEPARTMENTS:
- AFRO-AMERICAN STUDIES
- ANTHROPOLOGY
- CRIMINOLOGY AND CRIMINAL JUSTICE
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT AND POLITICS
- HEARING & SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY
- JOINT PROGRAM IN SURVEY METHODOLOGY

OFFICE OF ACADEMIC COMPUTING SERVICES
COLLEGE WIDE CENTERS:
- ACADEMY OF LEADERSHIP
- CENTER FOR SUBSTANCE ABUSE RESEARCH
- HIGH INTENSITY DRUG TRAFFICKING AREA RESEARCH PROGRAM

COLLEGE OF BUSINESS AND MANAGEMENT

CENTER FOR INTERNATIONAL BUSINESS
DINGMAN CENTER FOR ENTREPRENUERSHIP
MARYLAND CENTER FOR QUALITY AND PRODUCTIVITY
OFFICE OF EXECUTIVE PROGRAMS
PROGRAMS/CURRICULUM:
- ACCOUNTING
- BUSINESS AND MANAGEMENT-GENERAL
- BUSINESS AND MANAGEMENT-GENERAL/INTERNATIONAL
- DECISION AND INFORMATION SCIENCES
- FINANCE
- OPERATIONS AND QUALITY MANAGEMENT
- MARKETING
- HUMAN RESOURCE MANAGEMENT
- LOGISTICS & TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF
- ASTRONOMY
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION

DEPARTMENT OF:
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY, PLANNING, AND ADMINISTRATION
- HUMAN DEVELOPMENT & INSTITUTE FOR CHILD STUDY
- MEASUREMENT, STATISTICS, AND EVALUATION
- SPECIAL EDUCATION

COMPARATIVE EDUCATION CENTER
CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
CENTER FOR HUMAN SERVICES DEVELOPMENT
CENTER FOR THE STUDY OF FAMILIES, RELATIONSHIPS AND CHILD DEVELOPMENT

(CONTINUED)

COLLEGE OF EDUCATION (CONT'D)

CENTER FOR YOUNG CHILDREN
COUNCIL FOR CURRICULUM DEVELOPMENT AND CHANGE
CURRICULUM LABORATORY
EDUCATIONAL TECHNOLOGY CENTER
INSTITUTE FOR RESEARCH IN HIGHER AND ADULT EDUCATION
INTERNATIONAL CENTER FOR THE STUDY OF EDUCATION POLICY AND HUMAN VALUES
NATIONAL READING RESEARCH CENTER
OFFICE OF LABORATORY EXPERIENCES
PROFESSIONAL DEVELOPMENT AND EQUITY RESOURCE CENTER

A. JAMES CLARK SCHOOL OF ENGINEERING

DEPARTMENT OF:
- AEROSPACE ENGINEERING
- BIOLOGICAL RESOURCES PROGRAM IN AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING/COMPUTER ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING
- MATERIALS & NUCLEAR ENGINEERING
- PROFESSIONAL MASTERS ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
COOPERATIVE EDUCATION
ENGINEERING RESEARCH CENTER
INSTRUCTIONAL TELEVISION
INSTITUTE FOR SYSTEMS RESEARCH
WOMEN IN ENGINEERING PROGRAM

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

DEPARTMENT OF:
- FAMILY STUDIES
- HEALTH EDUCATION
- KINESIOLOGY

CENTER ON AGING

COLLEGE OF JOURNALISM

COLLEGE OF JOURNALISM
ADVERTISING
BROADCAST NEWS
NEWS EDITORIAL
- -MAGAZINE
- -NEWS

PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

LIBRARY AND INFORMATION SERVICES
GEOGRAPHY/LIBRARY AND INFORMATION SERVICES
HISTORY/LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF:
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY
- MICROBIOLOGY
- ZOOLOGY

WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULA
- BIOCHEMISTRY
- BIOLOGICAL SCIENCES (REVISED FALL 1997)
- CHEMISTRY
- ENTOMOLOGY
- MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
- MICROBIOLOGY
- MOLECULAR AND CELL BIOLOGY
- NEUROSCIENCE AND COGNITIVE SCIENCE
- PLANT BIOLOGY
- SUSTAINABLE DEVELOPMENT AND CONSERVATION BIOLOGY
- ZOOLOGY

SCHOOL OF PUBLIC AFFAIRS

PROGRAMS
- ENVIRONMENTAL POLICY
- INTERNATIONAL SECURITY AND ECONOMIC POLICY
- PUBLIC SECTOR FINANCIAL MANAGEMENT
- SOCIAL POLICY

BUREAU OF GOVERNMENTAL RESEARCH
CENTER FOR INTERNATIONAL AND SECURITY STUDIES AT MARYLAND
- PROJECT ON RETHINKING ARMS CONTROL
- WOMEN IN INTERNATIONAL SECURITY

INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY

UNDERGRADUATE STUDIES

AIR SCIENCE (AFROTC)
ACADEMIC ACHIEVEMENT PROGRAMS
CENTER FOR TEACHING EXCELLENCE
COLLEGE PARK SCHOLARS
CORE PLANNING AND IMPLEMENTATION
EDUCATIONAL TALENT SEARCH PROGRAM
FINANCIAL AID
FIRST YEAR FOCUS
INDIVIDUAL STUDIES PROGRAM
LETTERS AND SCIENCES
LAW AND HEALTH PROFESSIONS ADVISING OFFICE
NATIONAL SCHOLARSHIP INFORMATION
NATIONAL STUDENT EXCHANGE
RONALD A. McNAIR PROGRAM
ORIENTATION
PRE-COLLEGE PROGRAMS:
- UPWARD BOUND
- MATH AND SCIENCE REGIONAL CENTER

REGISTRAR'S OFFICE
SENIOR SUMMER SCHOLARS PROGRAM
TERRAPIN READING SOCIETY
UNDERGRADUATE ADMISSIONS
UNIVERSITY HONORS PROGRAM
UNDERGRADUATE RESEARCH ASSISTANTS PROGRAM
WINTERTERM

32 ACADEMIC INFO

ACADEMIC ADVISORS

Advising *(Undergraduate Students)*

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

Note: For the following groups advising is mandatory:

Newly admitted first-year and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Undergraduate advisors, their room numbers and telephone extensions are listed below. E-mail addresses are given for some colleges and advisors. Students who have general questions about campus programs and advising policies may visit or call Letters & Sciences, Room 1117, Hornbake Library, 314-8418, or e-mail askls@deans.umd.edu

COLLEGE OF AGRICULTURE & NATURAL RESOURCES

General Information

Dr. Thomas A. Fretz, Dean		SYM-1224	405-7761
Dr. Marla S. McIntosh, Associate Dean		SYM-1222	405-2078
Dr. Leon Slaugher, Assistant Dean		SYM-1221	405-7761
AGRICULTURAL & RESOURCE ECONOMICS			
	Hardie, I. (Coord.) (ianh@arec.umd.edu)	SYM-2216	405-1284
	McConnell, K. (tedm@arec.umd.edu)	SYM-3218	405-1282
	Strand, I. (ivars@arec.umd.edu)	SYM-3204	405-1287
AGRICULTURAL SCIENCES, GENERAL			
	Grant, L. (Coord.) (lg21@umail.umd.edu)	ANS-AGENG-1433	405-1198
ANIMAL SCIENCES			
	Dahl, G. (Coord.) (gd38@umail.umd.edu)	ANS-AGENG-1415	405-1374
	Doerr, J. (jd29@umail.umd.edu)	ANS-AGENG-3149	405-5782
	Erdman, R. (er13@umail.umd.edu)	ANS-AGENG-1403	405-1383
	Hartsock, T. (th9@umail.umd.edu)	ANS-AGENG-2109	405-1389
	Keyser, R. (rk104@umail.umd.edu)	ANS-AGENG-1123	405-1398
	Kohn, R. (rkohn@wam.umd.edu)	ANS-AGENG-2151	405-4583
	Majeskie, L. (jm5@umail.umd.edu)	ANS-AGENG-1131	405-1406
	Ottinger, MA. (mo20@umail.umd.edu)	ANS-AGEN-3313	405-5780
	Peters, R. (rp17@umail.umd.edu)	ANS-AGENG-1101	405-1401
	Rankin, S. (sr110@umail.umd.edu)	ANS-AGENG-1121	405-4568
	Varner, M. (varner@umd5.umd.edu)	ANS-AGENG-1117	405-1396
BIOLOGICAL RESOURCES ENGINEERING			
	Brown, K. (kb107@umail.umd.edu)	ANS-AGENG-1453	405-1196
	Schreuders, P. (ps129@umail.umd.edu)	ANS-AGENG-1460	405-0145
	Shirmohammadi, A (Coord.) (as31@umail.umd.edu)	ANS-AGENG-1421	405-1185
COMBINED DEGREE, ANIMAL SCIENCE & VETERINARY MEDICINE			
	Dahl, G. (gd38@umail.umd.edu)	ANS-AGENG-1415	405-1374
CONSERVATION - SOIL, WATER & ENVIRONMENT			
	Hill, R. (rh30@umail.umd.edu)	HJP-0216	405-1347
	Rabenhorst, M. (mr1@umail.umd.edu)	HJP-0101	405-1343
	Weil, R. (Coord.) (rw17@umail.umd.edu)	HJP-1103	405-1314
CROP SCIENCE			
	Slaughter, L. (Coord.) (ls24@umail.umd.edu)	PLS-6117	405-1327
DIETETICS			
(A-J)	Curtis, S. (Director) (sc49@umail.umd.edu)	MMH-3308	405-4532
(K-O)	Sims, L. (ls56@umail.umd.edu)	MMH-3102	405-4509
(P-SH)	Blake, A. (ab129@umail.umd.edu)	MMH-3302	405-4524
(SI-Z)	Moser-Veillon, P. (pv6@umail.umd.edu)	MMH-3209A	405-4502
ENVIRONMENTAL SCIENCE & POLICY			
	James, B.	SYM-0207	405-8571
FOOD SCIENCE			
(A-H)	Boyle-Roden, E. (eb112@umail.umd.edu)	MMH-3309	405-4528
(I-O)	Meng, J. (jm332@umail.umd.edu)	MMH-3420	405-1399
(P-Z)	Schlimme, D. (ds17@umail.umd.edu)	MMH-3215	405-4347
HORTICULTURE			
Hort Production and Hort Science			
	Bouwkamp, J. (jb65@umail.umd.edu)	PLS-2114	405-4334
	Deitzer, G. (gd@umail.umd.edu)	PLS-2132	405-4335
Landscape Management			
	Walsh, C. (Coord.) (cw5@umail.umd.edu)	PLS-2136	405-4351
LANDSCAPE ARCHITECTURE			
(A-F)	Hill, M. (mh160@umail.umd.edu)	PLS-2140	405-4341
(G-L)	Pihlak, M. (Coord.) (mp65@umail.umd.edu)	PLS-2146	405-4350
(M-R)	Sullivan, J. (js337@umail.umd.edu)	PLS-2142	405-0106
(S-Z)	Hilsenrath, E. (eh68@umail.umd.edu)	PLS-2144	405-4369
NATURAL RESOURCES MANAGEMENT			
	Baldwin, A. (ab174@umail.umd.edu)	ANS-AGENG-1462	405-7855
	Grant, L. (lg21@umail.umd.edu)	ANS-AGENG-1433	405-1198
	Kangas, P. (Coord.) (pk31@umail.umd.edu)	ANS-AGENG-1457	405-1198
NUTRITIONAL SCIENCES ***(formerly HumanNutritional and Food Systems)***			
(A-M)	Ahrens, R. (ra7@umail.umd.edu)	MMH-3301	405-4523
(N-Z)	Castonguay, T. (tc27@umail.umd.edu)	MMH-3209B	405-4503
TURF & URBAN AGRONOMY			
	Carroll, M. (Coord.) (mc92@umail.umd.edu)	HJP-1114	405-1339

SCHOOL OF ARCHITECTURE

General Information

Stephen Sachs, Associate Dean		ARCH-1298	405-6284
(Advisor assignments available in Room 1298, Architecture)			
Urban Studies		LEF-1117	405-6799

COLLEGE OF ARTS AND HUMANITIES

Dr. James Harris, Dean		KEY-1102	405-2108
Dr. Gabriele Strauch, Associate Dean		KEY-1102	405-2108
Undergraduate Academic Information		KEY-1120	405-2108
Mr. Derrick Best, Director of Student Affairs		KEY-1120	405-2108
Dr. Thomas Moore, Senior Advisor		KEY-1120	405-2108
Mr. John Clift, Senior Advisor		KEY-1120	405-2108
Ms. Karen Nelson, Advisor		KEY-1120	405-2108
Ms. Stacy Steinberg, Advisor		KEY-1120	405-2108
General Information			
AMERICAN STUDIES PROGRAM	Lounsbury, M.	TLF-2113	405-1359
ART	Thorpe, J.	ASY-1211	405-1445
ART HISTORY	Colento, T.	ASY-4219	405-1501
	Quo, J.	ASY-4221	405-1499
CHINESE	McGinnis, S.	JMZ-4202	405-4383
CLASSICAL HUMANITIES	Stehle, E.	MMH-2407	405-2019
COMPARATIVE LITERATURE	Robertsen, E.	SQH-2107	405-2853
DANCE	Wiltz, A.	DNC-1132	405-3180
ENGLISH	Auerbach, J.	SQH-2115	405-3826
FRENCH	Bondurant, D.	JMZ-3104	405-4034
GERMAN	Pfister, G.	JMZ-3210	405-4106
GREEK	Stehle, E.	MMH-2407	405-2019
HEBREW	Levy, N.	JMZ-4218	405-4251
HISTORY	Perinbam, M.	KEY-2116	405-4268
ITALIAN	Russell, C.	JMZ-3106G	405-4024
JAPANESE	Yotsukura, L.	JMZ-2106G	405-0038
JEWISH STUDIES	Cooperman, B.	WDS-0113	405-4975
LATIN	Stehle, E.	MMH-2407	405-2019
LINGUISTICS	Lombardi, L.	MMH-14010	405-4931
MUSIC	Abrams, D	TWS-2110	405-5563
PHILOSOPHY	Stairs, A.	SKN-1121A	405-5695
ROMANCE LANGUAGES	Falvo, J.	JMZ-3103	405-4031
RUSSIAN AREA STUDIES	Majeska, G.	KEY-2165	405-4307
RUSSIAN LANGUAGE & LITERATURE	Martin, C.	JMZ-4109	405-4103
SPANISH & PORTUGUESE	Little, K.	JMZ-2202	405-6452
SPEECH COMMUNICATION	Miller, J.	SKN-2114	405-6517
THEATRE	Wagner, D.	TWS-0236	405-6679
WOMEN'S STUDIES	Nichols, L.	WDS-2101	405-6877

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Dr. Irwin L. Goldstein, Dean		TYD-2141	405-1679
Dr. Stewart Edelstein, Associate Dean		TYD-2141	405-1679
Dr. Robert Steele, Associate Dean		TYD-2141	405-1679
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	405-1692
Ms. Cynthia Hale, Assistant Dean		TYD-2141	405-1679
College email address: bsosque@bss2.umd.edu			
Special Projects	Walsh, B.	TYD-2140	405-1689
ADVISEMENT AND RECORDS			
For appointments, special requests, and Dean's stamp		TYD-2148	405-1697
Director of Academic Support Service	Scholl, G.	TYD-2148	405-1702
Candidate Clearance	Goebel, S.	TYD-2148	405-1688
Director of Undergraduate Advising	Byron, L.	TYD-2148	405-1697
College Academic Advisors	Cidon, E.	TYD-2148	405-1697
	Gray, M.	TYD-2148	405-1697
	Kvach,K.	TYD-2148	405-1697
	Schmidt, T.	TYD-2148	405-1697
	Mattson, P	TYD-2148	405-1697
For appointments		TYD-2140	405-1708
College Advising Office for Students of Color, International Students, and Athletes		TYD-2140	405-1708
Coordinator	Blasingame, A.	TYD-2140	405-1708
Academic Advisors	Mason, T.	TYD-2140	405-1708
	Coleman, T.	TYD-2140	405-1708
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	McCartney, J.	LEF-2169G	405-1168
ANTHROPOLOGY	Stuart, W.	WDS-0100	405-1423
CRIMINOLOGY, CRIMINAL JUSTICE	Sealock, M.	LEF-2220	405-4729
	Churchill, B.	LEF-2220	405-4729
ECONOMICS	Wallis, J.	TYD-3135C	405-3552
GEOGRAPHY	Cirrincione, J.	LEF-1123	405-4073
GOVERNMENT & POLITICS	Lasota, S.	LEF-2181J	405-4124
HEARING & SPEECH SCIENCE	McCall, G.	LEF-0138	405-4214
PSYCHOLOGY	Sternheim, C.	ZOP-1107	405-5866
SOCIOLOGY	Moghadam, L.	ASY-2108	405-6389
UNDECIDED-See a college advisor			

COLLEGE OF BUSINESS AND MANAGEMENT

Dr. Howard Frank, Dean		VHM-2416	405-2299
Dr. Judy Olian, Senior Associate Dean		VMH-2416	405-2299
Dr. Burt Leete, Acting Associate Dean			
Dr. Lawence A. Gordon, Director, Ph.D. Program		VHM-2410	405-2127
Mr. Mark Wellman, Assistant Dean		VMH-2308	405-2278
Mr. Mike Marcellino, Advisor, Master's Program		VMH-2308	405-2278
Dr. Homai McDowell, Assistant Dean and Director, Undergraduate Programs		VMH-1308	405-2286
Mr. Brian Horick, Associate Director Undergraduate Programs		VMH-1308	405-2286
Ms. Stella Mirhadi, Associate Director Undergraduate Programs		VMH-1308	405-2286
Ms. Ellen Pollard, Assistant Director Undergraduate Programs		VMH-1308	405-2286
Mr. Jason Boyd, Assistant Director Undergraduate Programs		VMH-1308	405-2286
Ms. Beth Kantrowitz, Advisor		VMH-1308	405-2286
Ms. Roberta Smit, Advisor		VMH-1308	405-2286
Mr. Tom Gleason, Advisor		VMH-1308	405-2286
Undergraduate Advisors	Johnson, T.	VMH-1308	405-2286
	King, W.	VMH-1308	405-2286
	King, J.	VMH-1308	405-2286
	Bonke, E.	VMH-1308	405-2286
	Jaynor, R.	VMH-1308	405-2286
Records Office, Business	Hall, D.	VMH-1308	405-2286
	Purushothan, D.	VMH-1308	405-2286
	Quigg, J.	VMH-1308	405-2286

COLLEGE OF COMPUTER, MATHEMATICAL & PHYSICAL SCIENCES

Dr. Richard H. Herman, Dean		AVW-3400	405-4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Associate Dean		AVW-3400	405-2677
Ms. Deborah Reid Bryant, Assistant to the Dean		AVW-3400	405-2677
College email address: cmpsque@deans.umd.edu			
Student Records	Coleman, R.	AVW-3400	405-2677
General Information			
ASTRONOMY	Deming, G. **deming@astro.umd.edu**	CSS-1233	405-1562
COMPUTER SCIENCE	Kaye, G. **gwen@cs.umd.edu**	AVW-1103	405-2672
GEOLOGY	Holtz, T. **th81@umail.umd.edu**	GEO-1118	405-4084
MATHEMATICS	Alter, M. **mka@math.umd.edu**	MTH-1113	405-5053
PHYSICS	Zerwitz, R. **rzerwitz@deans.umd.edu**	PHY-1120	405-5979
PHYSICAL SCIENCES	Zerwitz, R. **rzerwitz@deans.umd.edu**	PHY-1120	405-5979

COLLEGE OF EDUCATION

General Information

Dr. Charles Beatty, Associate Dean for Student Services		EDU-1201	405-2338
Undergraduate Student Services	Angeletti, K.	EDU-1210	405-2364
Graduate Student Services	Theis, P.	EDU-1210	405-0006
EDUCATION POLICY, PLANNING, AND ADMINISTRATION	Cibulka, J.	EDU-2115	405-3590

COUNSELING & PERSONNEL SERVICES			
	Power, P.	EDU-3214C	405-2858
School Psychology	Teglasi, H.	EDU-3222	
School Counseling	Greenberg, K.	EDU-3222	
Community Counseling	Hershenson, D.	EDU-3214B	
College Student Personnel	Komires, S.	EDU-3128	
Counseling Psychology	Hoffman, M.	EDU-3218	
Rehabilitation Counseling	Power, P.	EDU-3214A	
	Fabian, E.	EDU-3234F	
Counseling & Consultation	Hershenson, D.	EDU-3214B	
CURRICULUM & INSTRUCTION – http://.www.inform.umd.edu/EDUC/www/Depts/EDCI/			
	Johnson, M.	EDU 2311B	405-3324
Art Ed	Hendricks, S.		
English/Speech/Theatre Ed	McCaleb, J.	EDU 2304J	
	McKillop, A. M.	EDU 2231	
	Slater, W.	EDU 2304E	
Foreign Language Education/TESOL	De Lorenzo, W.	EDU 2304G	
	Wong, S.	EDU 2233	
Language Arts Education	Comas J.	EDU 2226C	
	Heidelbach, R.	EDU 2304D	
	O'Flahavan, J.	EDU 2304E	
Mathematics Education	Campbell, P.	EDU 2226H	
	Cooper, D.	EDU 2226D	
	Davidson, N.	EDU 2226G	
	Graeber, A.	EDU 2226F	
	Johnson, M.	EDU 2311B	
	Strutchens, M.	EDU 2226D	
Music Education	Folstrom, R.	TWS 3141	
Physical Education	Owens, L.	HHP 2338	405-2438
Reading Education	Afflerbach, P.	EDU 2304L	
	Chambliss, M.	EDU 2311E	
	Dreher, J.	EDU 2311F	
	Gambrell, L.	EDU 3119	
	Grant, R.	EDU 2304K	
	Saracho. O.	EDU 2304H	
Science Education	Holliday, W.	EDU 2226L	
	Layman, J.	EDU 2226J	
	McGinnis, R.	EDU 2226K	
	van Zee, E.	EDU 2226M	
Social Studies Education	Cirrincione, J.	EDU 2227/LeFrak 1125	
	Jantz, R.	EDU 2229	
	VanSledright, B.	EDU 2223	
	Weible, T.	EDU 3119	
Teacher Education	Price, J.	EDU 2311G	
	Sullivan, D.	EDU 0307	
	Valli, L.	EDU 2207	
HUMAN DEVELOPMENT			
INSTITUTE FOR CHILD STUDY	Flatter, C.	EDU-3304	405-2818
	Hardy, R.	EDU-3304	405-2827
Early Childhood Education	Killen, M.	EDU-1117	
	Klein, E.	EDU-1117	
MEASUREMENT, STATISTICS, AND EVALUATION	Lissitz, R. W.	EDU-1229	405-3624
SPECIAL EDUCATION	Beckman, P.	EDU-1240B	405-6485
	Burke, P.	EDU-1308	
	Cooper, D.	EDU-1240A	
	Egel, A.	EDU-1240C	
	Graham, S.	EDU-1308D	
	Harris, K.	EDU-1311D	
	Kohl, F.	EDU-1240D	
	Leone, P.	EDU-1240E	
	Lieber, J.	EDU-1238	
	McLaughlin, M.	EDU-1500P	
	Neubert, D.	EDU-1242	
	Malmgren, K.	EDU-1311B	
	Speece, D.	EDU-1240F	

For advising and information, intended Education majors contact: Dawn Molloy (EDSP) in room 1235 Education Building; Donna Jensen (EDCI) in room 2311D Education Building; Kathy Angeletti (Undesignated or undecided) in room 1210 Education Building.

A. JAMES CLARK SCHOOL OF ENGINEERING

General Information			
Dr. William Destler, Dean		EGR-1137	405-3868
Dr. Horace Russell, Associate Dean		EGR-1124	405-5284
College email address: engrhelp@deans.umd.edu			
Advisor Consultants	Kleine, K.	EGR-1124	405-3855
	Rooney-Eckel, E.	EGR-1124	405-3855
	McKenzie, M.	EGR-1124	405-3855
	McGraw, R.	EGR-1124	405-3955
AEROSPACE	Lewis, M.	EGR-3172	405-1133
BIOLOGICAL RESOURCES	Shirmohammadi, A.	ANS-AGEN-1421	405-1185
	Brown, K.	ANS-AGEN-1453	405-1196
	Schreuders, P.	ANS-AGEN-1460	405-0145
CHEMICAL	Smith, T.	CHE-1223B	405-1918
CIVIL	Haghani, A.	EGL-1137S	405-1963
COMPUTER	Pugsley, J.	AVW-1359	405-4793
ELECTRICAL	Papamarcou, A.	AVW-2429	405-3685
FIRE PROTECTION	Spivak, S.	EGR-0151C	405-3992
MATERIALS	Lloyd, I.	CHE-2138	405-5221
MECHANICAL	Walston, W.	EGR-2188	405-2409
NUCLEAR	Pertmer, G.	CHE-2309A	405-2207
PROFESSIONAL MASTERS	Cunniff, P.	EGR-2174	405-5256
Center for Minorities in Science and Engineering	Parker, R.	EGR-1134	405-3878
	Saddler, L.	EGR-1134	405-3878
	Famodu, G.	EGR-1134	405-3878
Engineering Career and Co-op Services	Sauber, H.	EGR-1137B	405-3862
	Turk, M.	EGR-1137A	405-3864
Women in Engineering Program	Morris, C	EGR-1131	405-3931

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

General Information			
Dr. John Burt, Dean		HHP-3310D	405-2438
Dr. Jerry Wrenn, Associate Dean		HHP-3310B	405-2442
Carol Vander Velden, Student Records		HHP-3310H	405-2442
Program Advisors			
KINESIOLOGY			
Kinesiological Sciences	Scott, M.	HHP-2322	405-2480
Physical Education	Owens, L.	HHP-2338	405-2495
HEALTH EDUCATION			
Community Health, School Health	Hyde, D.	HHP-2374	405-2523
FAMILY STUDIES	Annand, V.	HHP-2302	405-2357

HONORS PROGRAM

Dean Hebert, Advisor		ANA-1113	405-6771

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean		JRN-1117	405-2399
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	405-2399
Olive Reid, Director of U.G. Programs		JRN-1119	405-2399
Undergraduate Advisors	Buckingham, K.	JRN-1117	405-2396
	Bowen, S.	JRN-1117	405-2395
	May, A.	JRN-1117	405-2398

College email address: jourug@deans.umd.edu

COLLEGE OF LIBRARY & INFORMATION SCIENCES

Dr. Ann Prentice, Dean		HBK-4105	405-2033
Student Records and General Information	Barlow, D. (Asst. Dean)	HBK-4110	405-2038

COLLEGE OF LIFE SCIENCES

Student Affairs Office (General Information)		SYM-1224	405-2080
Dr. Paul H. Mazzocchi, Dean		SYM-1224	405-2080
Dr. William Higgins, Associate Dean		SYM-1212	405-2908
Dr. Albert Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2080
College email address: collifsc@life.umd.edu			
BIOLOGICAL SCIENCES			
	Presson, J. (Asst. Director)	SYM-1211	405-6892
	Armstrong, E.	PLS-3158	405-3911
	Barnett, N.	HJP-1212	405-1597
	Hayes-Klosteridis, J.	SYM-1207	405-2079
	Infantino, R.	ZOP-2227	405-6904
	Lachman, L.	SYM-1210	405-6892
	Loughlin, W.	MTL-0130E	314-8375
	Smith, A.	MCB-1126B	405-5443
CHEMISTRY/BIOCHEMISTRY	Berkowitz, D. (Director, Undergraduate Programs)	CHM-1309	405-1791
ENTOMOLOGY	Armstrong, E.	PLS-3158	405-3911
MICROBIOLOGY	Barnett, N.	HJP-2208	405-1597
	Bean, G.	HJP-2113	405-1592
	Benson, S.	MCB-3136	405-5478
	Bottino, P.	HJP-3223	405-1641
	Browning, J.	HJP-2204	405-1615
	Chang, C.	HJP-3227	405-1643
	Delwiche, C.	HJP-2009	405-8300
	De Stefano, J.	MCB-3138	405-5449
	Farber, D.	MCB-2114	405-7551
	Gantt, B.	MCB-2109	405-1625
	Gdovin, S.	MCB-2116	405-7254
	Hutcheson, S.	MCB-3117	405-5498
	Liu, Z.	HJP-3221	405-1586
	Mount, S.	HJP-3221	405-6934
	Joseph, S.	MCB-2118	405-5452
	Pontzer, C.	MCB 2112	405-5472
	Reveal, J.	HJP-2107	405-1624
	Smith, A. (Coord.)	MCB-1126B	405-5443
	Song, W.	MCB-2107	405-7552
	Stewart, R.	MCB-3122	405-5475
	Straney, D.	HJP-2225	405-1622
	Sze, H.	HJP-3237	405-1645
	Weiner, R.	MCB-2111	405-5446
	Yuan, R.	MCB-1119	405-5436
ZOOLOGY	Infantino, R. (Director Undergraduate Programs)	ZOP-2227	405-6904
PRE-PROFESSIONAL	Dr. Lisa Bradley	HBK-0110	405-2793

SCHOOL OF PUBLIC AFFAIRS

Dr. Susan C. Schwab, Dean		VMH-2101	405-6330

UNDERGRADUATE STUDIES

Robert Hampton, Associate Provost for Academic Affairs and Dean		2130 Mitchell Bldg.	405-9354

LETTERS AND SCIENCES (L&S)

Dr. Javaune Adams-Gaston, Assistant Dean and Director		HBK-1117	314-8418
Barbara Bennett, Secretary		HBK-1117	314-9401
Dr. Lisa Bradley, Assistant Director		HBK-1117	314-8418
Dr. Wendy Whittemore, Assistant Director		HBK-1117	314-8418
Exceptions to Academic Policy		HBK-0110	314-9403
Edie Phillips, Credit by Exam		HBK-1117	314-9423
Vee Vee Coleman, Receptionist		HBK-1117	314-8418
L&S ADVISOR CONSULTANTS			
Transfer Year Coordination	Tom Steen	HBK-1117	314-8418
Advising Services	Harriet Nokuri	HBK-1117	314-8418
Advisor-Advisee Relations		HBK-1117	314-8418
Interim Advising Program	Lisa Tenley	HBK-0110	314-9403
Retention Activities	Zenobia Garrison	HBK-1117	314-8418
SPECIAL INTEREST AREAS			
Architecture	Brian Calis	HBK-1117	314-8418
Computer, Math, Physical Science	Roberta Smit	HBK-1117	314-8418
Journalism	Sandra Hill	HBK-1117	314-8418
Health & Human Performance	Jeff Gardner	HBK-1117	314-8418
GENERAL ADVISORS	Marchelle Payne	HBK-1117	314-8418
	Jeff Gardner	HBK-1117	314-8418
	Lisa Sturtevant	HBK-1117	314-8418
	Julie Blackburn	HBK-1117	314-8418
	Wendy Japal	HBK-1117	314-8418
ADVISING ASSISTANTS	Pam Boltax	HBK-1117	314-8418
	Aaron Hallberg	HBK-1117	314-8418
	Tuomo Neuvonen	HBK-1117	314-8418
	Dana Miller	HBK-1117	314-8418
	Duane Mitchell	HBK-1117	314-8418
	Jodie Shaw	HBK-1117	314-8418
	Matthew Torbit	HBK-1117	314-8418
INDIVIDUAL STUDIES PROGRAM	Lisa Tenley	HBK 0110	314-9403
	Dolores Mulligan	HBK-0110	314-9403
LAW AND HEALTH PROFESSIONS ADVISING			
Pre-Law	Mary Crawford, Esq.	HBK-0110	405-2793
Pre-Dentistry	Dr. Lisa Bradley	HBK-0110	405-2793
Pre-Medicine	Dr. Lisa Bradley		
Pre-Optometry	Dr. Lisa Bradley		
Pre-Osteopathy	Dr. Lisa Bradley		
Pre-Podiatry	Dr. Lisa Bradley		
Pre Dental Hygiene	Roberto Valera	HBK-0110	405-2793
Pre-Medical and Research Technology	Roberto Valera		
Pre-Nursing	Roberto Valera		
Pre-Pharmacy	Roberto Valera		
Pre-Physical Therapy	Roberto Valera		
Pre-Professional Advising Asst.	Shannon Harvey	HBK-0110	405-2793
	Brandy Carr	HBK-0110	405-2793

OFFICE OF MULTI-ETHNIC STUDENT EDUCATION

Academic Support Unit		
Dr. Mary Cothran, Director	HBK-1101	405-5616
Dr. Jennifer V. Jackson, Assistant Director	HBK-1101	405-5616
Dr. Ronald Zeigler, Research Coordinator	HBK-1101	405-5616
Mr. Joel Smith, Academic Coordinator	HBK-1101	405-5616
Ms. Dottie Bass, Outreach and Programming Coordinator	HBK-1101	405-5616
Ms. Bobbie Lee, Administrative Asst, II	HBK-1101	405-5616
Ms. Bonita Nieves, Administrative Asst. II	HBK-1101	405-5616
Ms. Irene Zoppi, Evening Programming & Marketing Coordinator	HBK-1101	405-5616

34 ACADEMIC INFO

ACADEMIC PROGRESS/COURSE NUMBERING/REPEAT POLICY

Requirements for Satisfactory Academic Progress—*Undergraduate Students*

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4
B = 3
C = 2
D = 1
F = 0 × NUMBER OF CREDITS = TOTAL QUALITY POINTS FOR THE COURSE

3. An example of how a SEMESTER G.P.A. and a CUMMULATIVE G.P.A. are calculated is given below:

Course	Credits Attempted	Grade	Quality Points
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74

SEMESTER GPA = $\frac{\text{SEMESTER QUALITY POINTS}}{\text{SEMESTER CREDITS ATTEMPTED}} = \frac{34}{16} = 2.125$

CUMULATIVE GPA = $\frac{\text{TOTAL QUALITY POINTS}}{\text{TOTAL CREDITS ATTEMPTED}} = \frac{108}{43} = 2.511$

4. When a course is REPEATED, all grades will be included for the purpose of determining the number of quality points used to calculate the cumulative grade point average. First semester students and freshmen through the first 24 credits will receive quality points appropriate for the higher grade when calculating the grade point average. See also, "REPEATING COURSES" below.

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Total credits earned from courses with grades of A, B, C, D, F, P, S and transfer credit from other institutions, Advanced Placement, CLEP and other similar tests in which credit is given.

CREDIT LEVEL	UNSATISFACTORY PERFORMANCE	ACADEMIC WARNING	ACADEMIC DISMISSAL
0-13	1.290-1.999	0.230-1.289	0.000-0.229
14-28	1.780-1.999	1.280-1.799	0.000-1.279
29-56	1.860-1.999	1.630-1.859	0.000-1.629
57-74	1.940-1.999	1.830-1.939	0.000-1.829
75 OR MORE	—	1.940-1.999	0.000-1.939

1. Students whose cumulative G.P.A. falls within the UNSATISFACTORY PERFORMANCE category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an ACADEMIC WARNING will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of their next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   - A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   - B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   - C. No student transferring to the College Park Campus will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23 or higher. After this first semester, the student will be subject to normal standards for academic progress. NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus. A transfer student is defined as a student who has attended any regionally accredited institution of higher education following graduation from high school and attempted 12 or more credits.

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy**—The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. DURING THIS DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS. If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.

   Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Students may have one repeat of any given course in which a grade of A, B, C, D, F, P, S, or W has been earned on their records. If a course is repeated in which a student already has earned a grade of A,B,C,D,P, or S, the subsequent attempt will not increase the total credits earned toward the degree. All attempts at a given course resulting in one of the above noted grades will be included in the computation of the grade point average.
2. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a "W" notation will count as one of these two registrations. If a student withdraws from all courses during a semester these courses will not count as one of the two registrations.
3. Incompletes—The mark of 'I' cannot be removed through re-registration for the course or through "credit by examination."
4. For complete information on the Repeat Policy (see below) or your academic advisor.

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS OR ABOUT OTHER ACADEMIC POLICIES AND REQUIREMENTS AT College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily courses for first-year students
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599*	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course (not for graduate degree credit)
600-699	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral Dissertation credit

NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

UNDERGRADUATES—eligible to register for courses numbered 000-499.

GRADUATE—eligible to register for courses numbered 400-899.

*Not applicable to Graduate or Undergraduate degrees, and not included in GPA calculations.

Repeat Policy-Undergraduate Students

The following policies apply to ALL courses that may not be repeated for additional credit.

1. The following students are required to follow the **new** Repeat Policy:
   - a. All new freshmen who began at UMCP Fall 1990 and after.
   - b. All transfer students.
     Exceptions:
     - Students from Maryland Community Colleges who began at UMCP Fall 1990 and after
     - Students attending UMBC's College of Engineering from Fall 1990 through Fall 1991.
2. There is a limit to the number of times a student may repeat a course. **Students may have ONE repeat of any course in which they earned an A, B, C, D, F, P, S, W, I, NGR, or Audit;** they cannot be registered (after the Schedule Adjustment Period) for any given course more than twice. A student's Dean's Office may grant an exception allowing an additional course repeat. In this case, students must present a plan for successfully completing the course. **All attempts WILL be counted toward the total limit for repeatable credits.**
3. Students may repeat no more than 18 credits.
4. The grade point average will include all attempts at a given course that results in a grade of A, B, C, D, or F. However, to help **freshmen and transfer students** adjust to the UMCP campus, the following two exceptions allow for the cumulative G.P.A. to be calculated so that **only the higher grade is included:**
   - a. When the repeated course was taken within the student's first semester at UMCP,
     or
   - b. When the repeated course was taken within the student's first 24 credit hours attempted (including transfer credits) or within the semester during which the student reached the 24th credit hour attempted
5. Any grade earned in prior attempts of a repeated course will appear on the student's transcript, regardless of whether the grade is dropped from, or averaged into, the cumulative grade point average.
6. Repeat by transfer—If a student repeats by transfer a course that was taken before or during the semester in which the student reached 24 credits attempted (including transfer credits) and the transfer grade is higher, then the original grade in the course will be excluded from the G.P.A. calculation.
   - If the course was taken after the semester in which the student reached 24 credits attempted, then the transfer course will not replace the original grade in the G.P.A. calculation. Special exceptions can be requested by the student's college dean in unusual circumstances.

NOTE: SEE COLLEGE OF EDUCATION REPEAT ON NEXT PAGE

ACADEMIC INFO 35

Full-Time Status

FULL-TIME STATUS FOR UNDERGRADUATE STUDENTS WILL BE BASED ON REGISTRATION FOR 12 OR MORE SEMESTER HOURS. Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

FULL-TIME status is based on the following criteria:

1. Registered for 12 or more semester hours at the end of the Schedule Adjustment Period.
2. Courses registered for **AUDIT** are not included in the calculation of credits for full-time status.
3. UMEI PROGRAM Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

NOTE: Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant may be cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Students receiving financial aid are strongly encouraged to contact a financial aid counselor prior to dropping below full time status. Additional information may be obtained from the Office of Student Financial Aid, Room 0102 Lee Bldg., 301-314-9000

Repeat Policy Prior To Fall 1990

The following students should follow the old Repeat Policy in the Undergraduate Catalog:

1. Students who began at UMCP before Fall 1990 (including students who entered UMCP for summer 1990)
2. Transfer students who began at a Maryland Community College before Fall 1990.
3. UMBC College of Engineering students who began before 1990.

College of Education- REPEAT POLICY

This policy applies only to students in the College of Education

- All registrations in student teaching, regardless of whether a student withdraws or takes a leave of absence, will be counted as an attempt under the campus repeat policy. Only two registrations will be allowed.

- After two registrations, further attempts at student teaching must be approved by the department and school system professionals involved in the candidate's student teaching experience.

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and process the change. Changes can be made with an advisor using the Student Information System Major Change Processor.

Students contemplating a change in major to Architecture, Business & Management, Engineering, Government & Politics, Journalism, Landscape Architecture or Psychology should contact the Office of Undergraduate Admissions, 314-8385 for additional information and an up-to-date list of special admission requirements for these majors. Students considering majoring in Education should contact the College of Education. Students with fewer than 56 credits not admitted directly into these programs may be admitted to the Division of Letters and Sciences, by going to the Undergraduate Advising Center and indicating a desire to do so.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The department advisor, Professor Eva Stehle, located in room 2407C of Marie Mount Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102, with two full years, LATN 201. College credit is given to students who have earned 4 or 5 on the Advanced Placement Test in Latin.

French Department: Students who wish to register for FREN 101-203 must do so in accordance with the guidelines below. Exceptions may be granted only by written permission of the course chairperson. A student whose knowledge of French as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Placement Guidelines:

FREN 101: For students who have never studied French or who have studied less than two years in high school.

FREN 102: For students who have completed FREN 101 on this campus.

FREN 103: For students with two years of high school French. This is a review of work normally completed by the end of Level 2. Students will not receive credit for FREN 103 if they have already received credit for FREN 102.

FREN 203: For students whose high school transcript shows completion of Level 3.

The French Department does not offer placement testing. For further assistance please contact the Language Supervisor at 405-4024.

Spanish Department. Students who wish to register for Spanish 101-211 must do so in accordance with the guidelines below. Any exception necessitates permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 103, 201 or 202. See individual course description for more details.

A student whose knowledge of Spanish as deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 201 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for Spanish 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 211 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Department Advisor for additional information.

Spanish 101
0 years of Spanish
Level 1 Spanish
Level 2 Spanish with a grade of C or below

Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of A orB *(preferable placement is SPAN 103)*

Spanish 103
Level 2 Spanish with a grade of A or B
Level 3 Spanish with a grade of C or below
Native speakers or majors of another romance language

Spanish 201
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of A or B
Level 4 Spanish with a grade of C or below

Spanish 202 or 211
Spanish 201 at the University of Maryland or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of A or B

Spanish 206
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Spanish 207
Spanish 202 or concurrent registration in Spanish 202

Chinese Placement: Non-majors are required to have an interview with the program placement advisor. Dr. Scott McGinnis, before they will be permitted to enroll for any Chinese language course (except CHIN 213, 313, 314, 315, 403, 404, 421, 422.)

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106, Shoemaker Building. Testing will be on Tuesday, January 27 at 2:00 p.m. and Wednesday, January 28 at 3:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein 314-7688 for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways.

1. Successful completion of a 12 credit sequence or intermediate level in college language courses.
2. Successful completion of level 4 in one language or level 2 in each of 2 languages in high school.
3. Successful completion of a language placement examination in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, up to three courses with at least one course at the intermediate level and no more than one course at the introductory level. *(High School equivalency does not satisfy this requirement.)* Students may opt for a quantitative reasoning track in lieu of the language skills requirement.

Pass-Fail Option (Undergraduate Students)

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES. GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

UMEI Program

Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

Undergraduate Student Classifications

Freshman	1-27 semester hours	**Junior**	56-85 semester hours
Sophomore	28-55 semester hours	**Senior**	86 to at least 120 semester hours

**Zero level course work is not used in the calculation of cumulative credit hour totals.*

Zero-Level Courses

*** MATH 001* MATH 002***

These courses carry credit for billing and determination of full-time and part-time status. These courses are excluded from the calculation of semester and cumulative grade point averages.
MATH 001/002 fees are discussed under Fees and Expenses.

36 ACADEMIC INFO

Expectations for Advising

The following set of principles allows both students and advisors to have a clear understanding of their roles and individual responsibilities. Advising may be conducted at several levels and by different people. Each academic unit has the discretion in the establishment of its advising plan to address the issue of who provides the advising. Several types or advising are listed below:

- Basic advising directed at the identification and satisfaction of university, program, and departmental requirements.
- Advising directed at identifying and evaluating potential academic majors and careers.
- Advising directed at evaluating choices within academic majors.
- Advising upper-level students on career options, graduate school, etc.
- Advising that focuses on personal development. This is a mentoring process, which may or may not develop between a student and a faculty or staff member.

A student is entitled lo effective academic advising. The student can expect:

- Accurate and up-to-date information about departmental programs.
- Reasonable access to faculty and advisors throughout the semester.
- Adequate staffing to offer advising to all new students at orientation and all early registrations.
- Faculty and advisors with an up-to-date knowledge of departmental and university programs and requirements.
- Transfer evaluation completed within the first semester at UMCP for all students transferring to College Park.
- An individualized audit be prepared on request when the student has completed 75 credits and is within three semesters of his/her expected graduation.

At the same time that the student has expectations for the advising process, the advisor also has expectations. Among these expectations are:

- The student must recognize that the final responsibility for his/her education is his/her own. Advisors can only help.
- The student reads university, college and departmental materials (such as the catalog, regulations listed in the schedule of classes, departmental handbooks, handouts about the options and sequences in the student's major) before coming to see an advisor.
- The student recognizes that there are different types of advising and different people to do the different types of advising. The student should ask appropriate questions for the different kinds of advisors. For example, faculty are best able to advise on career opportunities, grad school, etc.; college advisors are probably best on university regulations; peer advisors know the most about individual professors, workload expectations, balancing the course load in a given semester, etc.
- The student understands that no single advisor can answer everything.
- The student should schedule an advising appointment well ahead of his/her registration appointment. It is unreasonable for the student to expect the advisor to drop what he/she is doing 15 minutes before the student's registr ation appointment to help the student. Students unable to keep appointments should notify the advisor.
- The student prepares an academic plan and a proposed schedule of classes before coming to see an advisor. The student should bring these and other appropriate material lo the advising session.
- The student has an agenda for the advising session that includes items to be discussed and questions to be answered.

Academic Dishonesty

Academic dishonesty is a corrosive force in the academic life of a university. It jeopardizes the quality of education and depreciates the genuine achievements of others. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act. **All members of the University Community—students, faculty, and staff—share the responsibility to challenge and make known acts of apparent academic dishonesty.**

Any of the following acts, when committed by a student, is an act of academic dishonesty; however, this is not an inclusive list.

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of the Code of Student Conduct.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's *A Manual for Writers of Term Papers, Theses and Dissertations.)*
2. *Paraphase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words. Paraphrasing is not reordering words in a sentence.
3. *"Borrowed Facts or Information":* Information that is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged. Textbooks and course handouts are not considered common knowledge. Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

Academic dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

A forty member Student Honor Council has the responsibility to investigate allegations of academic dishonesty and to convene Honor Boards to adjudicate charges. In specified circumstances, the Student Honor Council will accept petitions to remove the grade of "XF" from a transcript and replace it with the grade of "F."

TO REPORT ACADEMIC DISHONESTY CALL THE HONOR COUNCIL AT 301-314-8204

STUDENTS INTERESTED IN SERVING ON THE HONOR COUNCIL SHOULD CALL THE HONOR COUNCIL AT 301-314-8204

The *Code of Academic Integrity* is reprinted in full in the Undergraduate Catalog. For further information, contact the Student Honor Council, 2118 Mitchell Building (301-314-8204).

Attendance And Assessment Policy

NOTE: Revised Policy

ATTENDANCE

1. The University expects each student to take full responsibility for his or her academic work and academic progress. The student, to progress satisfactorily, must meet all of the requirements of each course for which he or she is registered. Students are expected to attend classes regularly, for consistent attendance offers the most effective opportunity open to all students to gain command of the concepts and materials of their courses of study. Except as provided below, absences will not be used in the computation of grades, and the recording of student absences will not be required of the faculty.
2. It is the policy of the University to excuse the absences of students that result from the following causes: illness of the student, or illness of a dependent as defined by Board of Regents policy on family and medical leave; religious observance (where the nature of the observance prevents the student from being present during the class period); participation in university activities at the request of University authorities; and compelling circumstance beyond the student's control. Students claiming excused absence must apply in writing and furnish documentary support for their assertion that absence resulted from one of these causes.
3. In some courses, attendance and in-class participation are ongoing requirements and an integral part of the work of the course. In other courses, occasional in-class assessments may occur, sometimes without advance notice. It is the responsibility of the instructor to inform each class at the beginning of the semester of the nature of in-class participation expected and the effect of absences on the evaluation of the student's work in the course.
4. Absences in courses where in-class participation is a significant part of the work of the course shall be handled by the instructor in the course in accordance with the general policy of his or her academic unit.
5. Permanent changes in the scheduling or location of classes must be approved by the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate.

ASSESSMENT

1. The University provides students with excused absences the opportunity to reschedule significant assessments, except in cases where the nature of the assessment precluded the possibility of rescheduling, OR to perform a substitute assignment without penalty. An instructor is not under obligation to offer a substitute assignment or to give a student a make-up assessment unless the failure to perform was due to an excused absence, that is, due to illness (of the student or a dependent), religious observance (where the nature of the observance prevents the student from being present during the class period), participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. Students claiming excused absence must apply in writing and furnish documentary support for their assertion that absence resulted from one of these causes.

   The make-up assessment or substitute assignment must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be at a comparable level of difficulty with the original assessment. In the event that a group of students requires the same make-up assessment or substitute assignment, one time and place may be scheduled. The make-up assessment or substitute assignment must not interfere with the student's regularly scheduled classes or in-class final examination.

   Students who have a concern regarding religious observances should see their instructors at the start of the semester. Although the University attempts to accommodate the religious beliefs of all of its members, it functions within a secular environment and is limited in the extent to which it can interrupt its normal operations. The President shall determine when it is appropriate for the campus community to restrict rescheduling examinations or other significant assessments on the dates of religious observance.

   At this time, examinations or other significant assessments may not be scheduled on Rosh Hoshanah, Yom Kippur, Good Friday, or the first two days of Passover.

   In cases of dispute, the student may appeal to the chair, the director or the dean of the department, non-departmentalized school or college offering the course within one week from the date of the refusal to schedule a make-up assessment. In those instances where the instructor is the chair, director or dean, the appeal shall be made to the next higher administrative officer, whose decision shall be final.
2. The student must notify his or her instructor of the reason for absence as soon as possible. Where the reason for absence from a scheduled assessment is known well in advance (for example, in cases of religious observance or participation in university activities at the request of University authorities), the student must inform the instructor by the end of the schedule adjustment period. Prior notification is especially important in connection with final examinations, since failure to reschedule a final examination before conclusion of the final examination period may result in loss of credits during the semester. Where the reason is not known well in advance (for example, in cases of illness or compelling circumstances beyond the student's control), the student must inform the instructor as soon as the reason develops, or as soon as possible after its development.
3. Ordinarily, assessments are given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the Schedule of Classes. No less than seven calendar days' notice shall be given for assessments scheduled at other times and places. It shall be the instructor's responsibility to ensure that the change in schedule does not interfere with any student's regularly scheduled classes or in-class final examinations. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests, and examinations. Performance assessments may take a variety of forms and need not be classroom-based written examinations.
4. A final examination shall be given in every undergraduate course. Exceptions may be made with the written approval of the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate. However, a student's final course grade shall be based on a combination of assessments that is at least the equivalent of a comprehensive final examination. No final examination or equivalent may be given or due during the last week of classes. All in-class final examinations must be held on the date and at the time listed in the Official Final Examination Schedule. Out-of-class final examination or equivalent assessments shall be due on the date and at a time listed in the Official Final Examination Schedule.
5. The chair, the director or the dean of the department, non-departmentalized school or college, as appropriate, is responsible for the adequate administration of assessments in courses under his or her jurisdiction.
6. No in-class assessment shall exceed the allotted time for a regularly scheduled class period. In the case of in-class final examinations, the time allotted shall not exceed the scheduled final examination period.
7. Each student shall be given the instructions and performance requirements for all assessments intended to require more than one-half class period in a formtranslatable to hard copy, unless the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate, has authorized another procedure. The instructions and requirements of the assessment shall be archived in an appropriate medium in a suitable place.
8. The following rules shall govern all in-class examinations, unless the instructor for a specific course stipulates alternate rules for that course. A breach of any of the rules shall constitute "disruption of class," a disciplinary offense (Code of Student Conduct, section 9.m.), or may serve as the basis of an allegation of academic dishonesty.
   a. Students arriving late for an examination may not unreasonably disrupt the examination room.
   b. Students must leave all unauthorized materials (e.g., books, notes, calculators) with the proctor before being seated.
   c. Where seating arrangements are established by proctors, student must conform to these arrangements.
   d. Students may not return to an examination room after leaving, unless permission to do so has been granted by the proctor prior to the student's departure.
   e. Students must cease conversation prior to the passing out of examination papers and maintain silence during the entire examination period.
   f. Students must place examination papers face down on the writing desk until the examination is officially begun by the proctor.
   g. Students must keep examination papers flat on the writing desk at all times.
   h. Students at an examination must be prepared to show current University identification.
9. Each faculty member is to retain, for one full semester after a course is ended, the students' final assessments in the appropriate medium. If a faculty member goes on leave for a semester or longer, or leaves the University, the final assessments and grade records for the course must be left with the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate.

Family Rights and Privacy Act

UMCP adheres to the Family Rights and Privacy Act. A complete copy can be found in the Undergraduate Catalog.

University of Maryland, College Park

Welcome to the Spring 1998 Schedule of Classes, Second Edition

Here's how to read the course listings . . . .

A	B	C	D	E
AASP101 Public Policy and the Black Community;	(3)	REG/P-F/AUD.	CORE: SB	*Formerly AASP 300.*

F	G	H	I	J
0101	(00016)	Grant-Wisdom, D.	TuTh 1:00pm-2:15pm	(LEF 2166)

A Course number and title
B Number of credits (in parentheses)
C Available grading methods
D CORE category code for which the course is approved (if any) - see footnotes running at the bottom of each page for interpretation.
E Course notes, prerequisites, permission requirements, restrictions, etc.
F Section number
G MARS index number (in parentheses)
H Instructor - STAFF indicates that an instructor has not yet been assigned.
I Class meeting days and times
J Class meeting location - see the map in the middle of the Schedule to find buildings, translation of their three-letter codes, and a locator grid.

Course listings were current when this Schedule of Classes went to press. For up-to-date offerings and seat counts, go to the Spring 1998 Schedule on the Web: *www.testudo.umd.edu.*

AASP Afro-American Studies
(Behavioral and Social Sciences)

AASP100 Introduction to Afro-American Studies; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(00001)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (ARC 1101) Dis
0102 **(00002)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 12:00pm-12:50pm (ARC 1101) Dis
0103 **(00003)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (ARM 0117) Dis
0104 **(00004)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (ARM 0117) Dis
0105 **(00005)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 9:00am-9:50am (ARM 0117) Dis
0106 **(00006)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (ASY 3203) Dis

AASP101 Public Policy and the Black Community; (3) REG/P-F/AUD. CORE: SB *Formerly AASP 300.*
0101 **(00016)** Williams, R.
TuTh 11:00am-12:15pm (SQH 1120)

AASP200 African Civilization; (3) REG/P-F/AUD. CORE: HO
0101 **(00026)** Kargbo, I.
MW 2:00pm-3:15pm (TYD 1101)

AASP202 Black Culture in the United States; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(00036)** Darling, M.
MW 10:00am-10:50am (SHM 2101)
F 10:00am-10:50am (LEF 1221) Dis
0102 **(00037)** Darling, M.
MW 10:00am-10:50am (SHM 2101)
F 10:00am-10:50am (JRN 1105) Dis
0103 **(00038)** Darling, M.
MW 10:00am-10:50am (SHM 2101)
F 11:00am-11:50am (JRN 1105) Dis
0104 **(00039)** Darling, M.
MW 10:00am-10:50am (SHM 2101)
F 11:00am-11:50am (WDS 0104) Dis
0105 **(00040)** Darling, M.
MW 10:00am-10:50am (SHM 2101)
F 12:00pm-12:50pm (LEF 1222) Dis
0106 **(00041)** Darling, M.
MW 10:00am-10:50am (SHM 2101)
F 9:00am-9:50am (LEF 1221) Dis

AASP298A Special Topics in Afro-American Studies: Art and Archaeology of Africa; (3) REG/P-F/AUD. CORE: HA DIVERSITY This course is crosslisted with ARTH 275.
0101 **(00051)** Holland, J.
TuTh 9:30am-10:20am (ASY 2203)
M 11:00am-11:50am (ASY 3211) Dis
0102 **(00052)** Holland, J.
TuTh 9:30am-10:20am (ASY 2203)
W 11:00am-11:50am (ASY 3211) Dis
0103 **(00053)** Holland, J.
TuTh 9:30am-10:20am (ASY 2203)
M 9:00am-9:50am (ASY 3215) Dis
0104 **(00054)** Holland, J.
TuTh 9:30am-10:20am (ASY 2203)
W 9:00am-9:50am (ASY 3215) Dis

AASP298E Special Topics in Afro-American Studies: Sub-Saharan Africa Since 1800; (3) REG/P-F/AUD. CORE: SH DIVERSITY This course is crosslisted with HIST 123.
0101 **(00066)** Bravman, W.
MW 10:00am-10:50am (TYD 1102)
M 2:00pm-2:50pm (KEY 0117) Dis
0102 **(00067)** Bravman, W.
MW 10:00am-10:50am (TYD 1102)
Tu 1:00pm-1:50pm (ASY 3217) Dis
0103 **(00068)** Bravman, W.
MW 10:00am-10:50am (TYD 1102)
W 2:00pm-2:50pm (MMH 3418) Dis
0104 **(00069)** Bravman, W.
MW 10:00am-10:50am (TYD 1102)
Tu 9:00am-9:50am (JMZ 3203) Dis

AASP298L Special Topics in Afro-American Studies: Introduction to African-American Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY This course is crosslisted with ENGL 234.
0101 **(00079)** Hammond, E.
MWF 9:00am-9:50am (KEY 0116)
0301 **(00080)** Gordon, M.
TuTh 11:00am-12:15pm (SQH 2121)
0601 **(00081)** Schramm, G.
MWF 11:00am-11:50am (KEY 0103)
0701 **(00082)** Orlando, E.
MWF 10:00am-10:50am (KEY 0103)
0801 **(00083)** Crawford, N.
TuTh 9:30am-10:45am (LEF 1201)
0901 **(00084)** Walsh, A.
TuTh 12:30pm-1:45pm (HBK 0123)
1001 **(00085)** Walsh, A.
TuTh 2:00pm-3:15pm (TWS 0131)
1101 **(00086)** Slack, K.
MWF 1:00pm-1:50pm (WDS 1114)
1201 **(20152)** Slack, K.
MWF 2:00pm-2:50pm (TLF 1103)

AASP298M Special Topics in Afro-American Studies: Seminar in Current Issues, the Media, and the Black Community; (3) REG/P-F/AUD. DIVERSITY
0101 **(00325)** Chateauvert, M.
MW 4:30pm-5:45pm (HZF 1106)

AASP298U Special Topics in Afro-American Studies: Jazz as a Cultural Art Form; (3) REG/P-F/AUD.
0101 **(00096)** Walton, B.
M 1:00pm-3:40pm (NCC 0103)

AASP299R *(PermReq)* Selected Topics in Afro-American Studies: Research Methodologies for Majors; (3) REG/P-F/AUD.
0101 **(00106)** McCarty, J.
TuTh 9:30am-10:45am (LEF 0135)

AASP305 Theoretical, Methodological and Policy Research Issues in Afro-American Studies; (3) REG/P-F/AUD. *Prerequisites: AASP 301 and (STAT 100 or BMGT 230 or PSYC 200 or SOCY 201 or ECON 321 or equivalent course with permission of department). Formerly AASP 401.*
0101 **(00116)** Walters, R.
W 2:00pm-4:30pm (ASY 3211)

AASP310 African Slave Trade; (3) REG/P-F/AUD. *Prerequisite: AASP 100 or AASP 202 or permission of department. Formerly AASP 311.*
0101 **(00126)** Wilson, F.
MW 2:00pm-3:15pm (ASY 2309)

AASP310H *(PermReq)* African Slave Trade; (3) REG/P-F/AUD. *Prerequisite: AASP 100 or AASP 202 or permission of department. Formerly AASP 311.* For general honors students only.
0101 **(00136)** Wilson, F.
MW 2:00pm-3:15pm (ASY 2309)

AASP312 Social and Cultural Effects of Colonization and Racism; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: AASP 100 or AASP 202.*
0101 **(00146)** Williams, R.
Th 2:00pm-4:30pm (HBK 0109)

AASP314 The Civil Rights Movement; (3) REG/P-F/AUD. *Prerequisite: AASP 100 or HIST 15.*
0101 **(00156)** Chateauvert, M.
MW 3:00pm-4:15pm (HBK 0109)

AASP386 *(PermReq)* Experiential Learning; (3-6) REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(00166)** McCarty, J.
W 4:00pm-6:30pm (HZF 1102)
Section 0101 - Seminar for interns.
0102 **(00167)** STAFF
TBA (HZF 1102)
Section 0102 - Seminar for undergraduate teaching assistants.

AASP397 *(PermReq)* Senior Thesis; (3) REG/P-F/AUD. *Prerequisites: AASP 305; and permission of department.*
0101 **(00176)** Chateauvert, M.
M 1:30pm-3:00pm (HZF 1105B)
Time and room to be arranged Dis
0201 **(00177)** Harley, S.
Time and room to be arranged
Time and room to be arranged Dis
0301 **(00178)** Wilson, F.
M 3:30pm-4:15pm (HZF 1105A)
Time and room to be arranged Dis
0401 **(00179)** Wilson, E.
Time and room to be arranged
Time and room to be arranged Dis
0501 **(00180)** Johnson, O.
Tu 2:00pm-4:00pm (TYD 3114K)
Time and room to be arranged Dis
0601 **(00181)** Walters, R.
Time and room to be arranged
Time and room to be arranged Dis
0701 **(00182)** Williams, R.
Tu 1:00pm-2:30pm (HZF 1109)
Time and room to be arranged Dis

AASP402 Classic Readings in Afro-American Studies; (3) REG/P-F/AUD. *Prerequisite: AASP 100 or AASP 202.*
0101 **(00192)** Harley, S.
W 1:00pm-3:30pm (HZF 1106)

AASP402H Classic Readings in Afro-American Studies; (3) REG/P-F/AUD. *Prerequisite: AASP 100 or AASP 202.* For general honors students only.
0101 **(00202)** Harley, S.
W 1:00pm-3:30pm (HZF 1106)

AASP441 Science, Technology, and the Black Community; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: AASP 100 or AASP 202 or HIST 255 or permission of department.*
0101 **(00212)** Chateauvert, M.
W 11:00am-1:30pm (HBK 1116)

AASP443 Blacks and the Law; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: AASP 100 or AASP 202 or HIST 255 or permission of department.*
0101 **(00222)** STAFF
W 6:00pm-8:00pm (TYD 2108)
Time and room to be arranged Dis

AASP468B Special Topics in Africa and the Americas: Ancient Art and Archaeology of Africa; (3) REG/P-F/AUD. DIVERSITY This course is crosslisted with ARTH 475.
0101 **(00242)** Eyo, E.
TuTh 9:30am-10:45am (ASY 3215)

AASP468V Special Topics in Africa and the Americas: Blues and African-American Folk Song; (3) REG/P-F/AUD.
0101 **(00252)** Pearson, B.
MWF 10:00am-10:50am (SQH 1117)

AASP478C Humanities Topics in Afro-American Studies: Caribbean Literature in English; (3) REG/P-F/AUD. DIVERSITY This course is crosslisted with ENGL 362.
0101 **(00263)** King, N.
TuTh 12:30pm-1:45pm (KEY 0123)

AASP478M Humanities Topics in Afro-American Studies: African-American Women Filmmakers; (3) REG/P-F/AUD. DIVERSITY This course is crosslisted with THET 496.
0101 **(00273)** Coustaut, C.
MW 9:00am-10:50am (TWS 0147)

AASP478P Humanities Topics in Afro-American Studies: African-American Literature Since 1945; (3) REG/P-F/AUD. This course is cross-listed with ENGL 472.
0101 **(00283)** McKnight, R.
TuTh 2:00pm-3:15pm (SQH 1103)

AASP478R Humanities Topics in Afro-American Studies: African, Indian and Caribbean Writers; (3) REG/P-F/AUD. DIVERSITY This course is crosslisted with ENGL 360.
0101 **(00293)** Morrison, S.
MWF 10:00am-10:50am (SQH 1101)
0102 **(00294)** Morrison, S.
MWF 11:00am-11:50am (SQH 1101)

AASP499Q Advanced Topics in Public Policy and the Black Community: African Americans in Public Policy; (3) REG/P-F/AUD. This course is crosslisted with PUAF 698G.
0101 **(00314)** Broadnax, W.
M 4:15pm-6:45pm (VMH 1109)

AASP499T Advanced Topics in Public Policy and the Black Community: Race and Politics; (3) REG/P-F/AUD. This course is crosslisted with GVPT 479B.
0101 **(00324)** Williams, L.
TuTh 11:00am-12:15pm (TYD 2110)

AGRI Agriculture
(Agriculture and Natural Resources)

AGRI388 *(PermReq)* Honors Thesis Research; (3-6) REG.
0101 **(00561)** STAFF
Time and room to be arranged

AGRI389 *(PermReq)* Selected Topics; (1-3) REG/P-F/AUD.
0101 **(00610)** Rivera, W.
Time and room to be arranged
0201 **(00611)** Miller, M.
Time and room to be arranged

AGRI450 Human Resources Development in Agriculture; (3) REG/P-F/AUD. *Junior standing.*
0101 **(00631)** Rivera, W.
MW 9:30am-10:45am (SYM 0115)

AGRI627 Program Evaluation in Adult and Continuing Education; (3) REG/AUD. *Prerequisite: AGRI 626 or permission of department. Formerly AEED 627.*
0101 **(00641)** Rivera, W.
Tu 7:00pm-9:40pm (SYM 0115)

CORE Codes ... **CS** - Capstone **HL** - Humanities and the Arts, Literature **HA** - Humanities and the Arts, History or Theory of the Arts
HO - Humanities and the Arts, Humanities **PS** - Mathematics and the Sciences, Physical Sciences (Non-Lab)
PL - Mathematics and the Sciences, Physical Sciences (Lab)

AGRI632 International Extension/Adult Education; (3) REG/AUD. *Formerly AEED 632.*
0101 **(00651)** Rivera, W.
Time and room to be arranged

AGRI699 *(PermReq)* **Special Problems; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

AGRI799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

AGRI899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

AGRO Agronomy
(Agriculture and Natural Resources)

AGRO105 Soil and Environmental Quality; (3) REG/P-F/AUD. CORE: LS
0101 **(00780)** Miller, R.
TuTh 2:00pm-2:50pm (HJP 0226)
W 4:00pm-4:50pm (HJP 0103) Dis
0102 **(00781)** Miller, R.
TuTh 2:00pm-2:50pm (HJP 0226)
F 10:00am-10:50am (HJP 1104) Dis
0103 **(00782)** Miller, R.
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 3:30pm-4:20pm (HJP 0103) Dis
0104 **(00783)** Miller, R.
TuTh 2:00pm-2:50pm (HJP 0226)
W 10:00am-10:50am (HJP 0103) Dis
0105 **(00784)** Miller, R.
TuTh 2:00pm-2:50pm (HJP 0226)
Th 11:00am-11:50am (HJP 0103) Dis
0106 **(00785)** Miller, R.
TuTh 2:00pm-2:50pm (HJP 0226)
Th 4:00pm-4:50pm (HJP 0103) Dis

AGRO202 Fundamentals of Soil Science; (4) REG/P-F/AUD. CORE: LL *Prerequisite: one semester of chemistry, or permission of department. Not open to students who have completed AGRO 302. Formerly AGRO 302.* Course is offered in the spring semester only.
0101 **(00795)** Weil, R.
TuTh 4:00pm-5:15pm (HJP 0226)
M 9:00am-11:50am (HJP 0210) Lab
0102 **(00796)** Weil, R.
TuTh 4:00pm-5:15pm (HJP 0226)
M 4:00pm-6:50pm (HJP 0210) Lab
0103 **(00797)** Weil, R.
TuTh 4:00pm-5:15pm (HJP 0226)
Tu 9:00am-11:50am (HJP 0210) Lab
0104 **(00798)** Weil, R.
TuTh 4:00pm-5:15pm (HJP 0226)
Tu 5:30pm-8:20pm (HJP 0210) Lab
0105 **(00799)** Weil, R.
TuTh 4:00pm-5:15pm (HJP 0226)
W 5:00pm-7:50pm (HJP 0210) Lab
0106 **(00800)** Weil, R.
TuTh 4:00pm-5:15pm (HJP 0226)
Th 5:30pm-8:20pm (HJP 0210) Lab

AGRO303 International Crop Production; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: BIOL 105 or equivalent.* Course is offered in the spring semester only.
0101 **(00811)** Tamboli, P.
MWF 11:00am-11:50am (HJP 1104)

AGRO386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

AGRO388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(01164)** STAFF
Time and room to be arranged

AGRO398 Senior Seminar; (1) REG/P-F/AUD.
0101 **(00847)** Bouwkamp, J.
W 4:00pm-4:50pm (PLS 1144)

AGRO401 Pest Management Strategies for Turfgrass; (3) REG/P-F/AUD. *Prerequisite: AGRO 305.*
0101 **(00857)** Dernoeden, P.
TuTh 12:30pm-2:20pm (HJP 1229)

AGRO407 Cereal and Oil Crops; (3) REG/P-F/AUD. *Pre- or corequisites: BIOL 105 and AGRO 101.*
0101 **(00867)** Costa, J.
MWF 10:00am-10:50am (PLS 1146)

AGRO411 Principles of Soil Fertility; (3) REG/P-F/AUD. *Prerequisite: AGRO 202 or equivalent.* Course is offered in the spring semester only.
0101 **(00877)** Weil, R.
TuTh 12:30pm-1:45pm (HJP 1104)

AGRO421 Soil Chemistry; (4) REG/P-F/AUD. *Prerequisite: AGRO 202.*
0101 **(00887)** James, B.
MWF 1:00pm-1:50pm (HJP 1104)
W 2:00pm-4:50pm (HJP 0210) Lab

AGRO422 Soil Microbiology; (3) REG/P-F/AUD. *Prerequisite: AGRO 202, CHEM 104 or permission of department.*
0101 **(00897)** Angle, J.
TuTh 1:00pm-1:50pm (PLS 1158)
W 1:00pm-3:50pm (Arranged) Lab

AGRO454 Air and Soil Pollution Effects on Crops; (3) REG/P-F/AUD. Course is offered spring semester only.
0101 **(00907)** Mulchi, C.
MWF 9:00am-9:50am (HJP 1104)

AGRO461 Hydric and Hydromorphic Soils; (3) REG/P-F/AUD. *Two hours of lecture per week plus four field trips scheduled on Saturdays. Prerequisite: AGRO 202.* Mandatory field trips will be taken four of the following six Saturdays. Hold ALL of the following dates in reservation: March 7, March 14, April 4, April 18, April 25, and May 2.
0101 **(00917)** Rabenhorst, M.
M 2:00pm-3:50pm (HJP 1104)
Time and room to be arranged Lab

AGRO499 *(PermReq)* **Special Problems in Agronomy; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AGRO499A Special Problems in Agronomy: Microbiology and Biotechnology: Risk Assessment; (2) REG/P-F/AUD.
0101 **(00953)** Levin, M.
W 6:00pm-8:00pm (PLS 1146)

AGRO602 Advanced Crop Breeding II; (2) REG/AUD. *Prerequisites: AGRO 601 and a graduate statistics course.*
0101 **(00973)** Aycock, M.
TuTh 10:00am-10:50am (HJP 1104)

AGRO608 *(PermReq)* **Research Methods; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AGRO608A Research Methods: Microbiology and Biotechnology: Risk Assessment; (2) REG/AUD.
0101 **(01008)** Levin, M.
W 6:00pm-8:00pm (PLS 1146)

AGRO608B Research Methods: Epidemiology and Plant Disease Management; (3) REG/AUD.
0101 **(01018)** Grybauskas, A.
MWF 9:00am-9:50am (PLS 1146)

AGRO608T *(PermReq)* **Research Methods: Advanced Teaching Methods in Agronomy; (1-4)** REG/AUD.
0101 **(01028)** Slaughter, L.
Time and room to be arranged

AGRO789 Advances in Agronomy Research; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AGRO798 Agronomy Seminar; (1) REG/AUD.
0101 **(01071)** Hill, R.
M 12:00pm-12:50pm (PLS 1140)

AGRO799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree.

AGRO806 Herbicide Chemistry and Physiology; (2) REG/AUD. *Prerequisites: AGRO 453; and CHEM 104.*
0101 **(01108)** Glenn, D.
TuTh 10:00am-10:50am (PLS 1158)

AGRO831 Soil Mineralogy; (4) REG/AUD.
0101 **(01118)** Fanning, D.
MWF 9:00am-9:50am (HJP 0103)
W 1:00pm-4:00pm (HJP 0103) Lab

AGRO832 *(PermReq)* **Advanced Soil Physics; (3)** REG/AUD. *Prerequisites: AGRO 417; and permission of both department and instructor.*
0101 **(01128)** Hill, R.
Time and room to be arranged
Time and room to be arranged Lab

AGRO899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree.

AMST American Studies
(Arts and Humanities)

AMST201 Introduction to American Studies; (3) REG. CORE: HO
0101 **(01213)** Johanson, B.
MWF 10:00am-10:50am (TLF 1103)
0201 **(01214)** Korr, J.
MWF 11:00am-11:50am (TLF 1103)
0301 **(01215)** Johanson, B.
MWF 12:00pm-12:50pm (TLF 1103)
0401 **(01216)** Korr, J.
MWF 1:00pm-1:50pm (TLF 1103)
0501 **(01217)** DeRuyver, D.
TuTh 9:30am-10:45am (TLF 1103)
0601 **(01218)** Silver, D.
TuTh 11:00am-12:15pm (VMH 2203)
0701 **(01219)** Silver, D.
TuTh 12:30pm-1:45pm (VMH 2203)
0901 **(01220)** DeRuyver, D.
TuTh 12:30pm-1:45pm (TLF 1101)

AMST204 Film and American Culture Studies; (3) REG/P-F/AUD. CORE: HO
0101 **(01230)** Taylor, D.
Tu 6:30pm-9:40pm (PLS 1117)

AMST205 Material Aspects of American Life; (3) REG/P-F/AUD. CORE: HA
0101 **(01240)** Williams, P.
TuTh 2:00pm-3:15pm (TLF 1101)

AMST207 Contemporary American Cultures; (3) REG/P-F/AUD. CORE: SB DIVERSITY
0101 **(01250)** Wahl, G.
TuTh 11:00am-12:15pm (TLF 1101)

AMST298C Selected Topics in American Studies: Asian American Experience; (3) REG/P-F/AUD. DIVERSITY
0101 **(01260)** Liu, W.
W 4:00pm-7:00pm (PLS 1130)

AMST298M Selected Topics in American Studies: Seminar in Current Issues, the Media, and the Black Community; (3) REG/P-F/AUD. DIVERSITY
0101 **(51787)** Chateauvert, M.
MW 4:30pm-5:45pm (HZF 1106)

AMST330 Critics of American Culture; (3) REG. *Prerequisite: prior course in AMST, HIST, or SOCY.*
0101 **(01271)** Conroy, M.
TuTh 11:00am-12:15pm (TLF 2101)

AMST386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

AMST398 *(PermReq)* **Independent Studies; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

AMST418D Cultural Themes in America: Growing Up American; (3) REG/P-F/AUD.
0101 **(01296)** Kelly, R.
MWF 10:00am-10:50am (TLF 2101)

AMST418N Cultural Themes in America: Civil Rights and Immigration Law: Asian American; (3) REG.
0101 **(01306)** Nash, P.
M 4:00pm-6:40pm (TLF 2101)

AMST428L American Cultural Eras: Asian American History; (3) REG/P-F/AUD.
0101 **(01307)** Cheng, J.
Th 3:30pm-6:10pm (TLF 1101)

AMST429B Perspectives on Popular Culture: Science Fiction in American Culture; (3) REG/P-F/AUD.
0101 **(01316)** Lounsbury, M.
TuTh 11:00am-12:15pm (TLF 1103)

AMST429D Perspectives on Popular Culture: Children and Television; (3) REG/P-F.
0101 **(01326)** Zurawik, D.
MWF 3:00pm-3:50pm (TLF 1103)

AMST450 *(PermReq)* **Seminar in American Studies; (3)** REG. *Prerequisite: nine hours prior coursework in American Studies, including AMST 201. Senior standing. For AMST majors only.*
0101 **(01336)** Paoletti, J.
MWF 11:00am-11:50am (TLF 2137)

AMST602 Interdisciplinary Research Methods and Bibliographic Instruction; (3) REG/AUD.
0101 **(01346)** Sies, M.
M 4:00pm-6:40pm (TLF 1101)

AMST628G Seminar in American Studies: Literature and Society; (3) REG/AUD.
0101 **(01356)** Kelly, R.
W 4:00pm-6:40pm (TLF 1101)

AMST628N Seminar in American Studies: Culture Theory in American Studies; (3) REG.
0101 **(01376)** Lounsbury, M.
Tu 4:00pm-6:40pm (TLF 2137)

AMST629P *(PermReq)* **Seminar in American Studies: Women, Nation, Novel; (3)** REG/AUD. Also offered as CMLT 679J, ENGL 769A, and WMST 698B.
0101 **(51717)** Peterson, C.
Tu 3:30pm-6:00pm (SQH 2122)

AMST629X *(PermReq)* **Seminar in American Studies; (3)** REG/AUD.
0101 **(01435)** Paoletti, J.
Time and room to be arranged

AMST639B *(PermReq)* **Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; (3)** REG/AUD. Class meets in Ripley Center Quadrangle at the Smithsonian from 10am- 12:30pm on Thursdays in room 31. Classes start on 1/15/98. Please call the American Studies Department at x51354 for information. Meets 1/15/98-4/23/98 (Spring Break 3/16-3/22).
0101 **(01396)** Carson, B.
Meets 01/15/98-05/07/98
Th 10:00am-12:30pm (Arranged)

AMST698 *(PermReq)* **Directed Readings in American Studies; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

AMST799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

AMST899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ANSC Animal Science
(Agriculture and Natural Resources)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ANSC212 Applied Animal Physiology; (3) REG/P-F/AUD. *Prerequisite: ANSC 211 or equivalent.*
0101 **(01504)** Varner, M.
MWF 1:00pm-1:50pm (ANS 0408)

ANSC214 Applied Animal Physiology Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: ANSC 212.*
0101 **(01514)** Varner, M.
M 2:00pm-5:00pm (ANS 1144) Lab
0103 **(01515)** Varner, M.
W 2:00pm-5:00pm (ANS 1144) Lab

ANSC230 Equine Science; (3) REG/P-F/AUD. *Prerequisite: ANSC 101.*
0101 **(01525)** Deuel, N.
MWF 11:00am-11:50am (ANS 0408)

ANSC262 Commercial Poultry Management; (3) REG/P-F/AUD. *Prerequisite: ANSC 101.*
0101 **(01535)** Doerr, J.
Tu 2:00pm-3:50pm (ANS 0402)
Th 2:00pm-3:50pm (ANS 0402) Lab

ANSC289 Animal Agriculture Tour; (1) REG/P-F/AUD. Off campus animal agricultural tour. Tour dates - March 25, 26, 27, 1998. Meeting dates - February 3, 24, March 17, April 21, 1998; 5-6pm in ANS 0402. Prerequisite: ANSC 101.
0101 **(01545)** Keyser, R.
Time and room to be arranged

ANSC315 Applied Animal Nutrition; (3) REG/P-F/AUD. *Prerequisite: ANSC 215. Formerly ANSC 203.*
0101 **(01555)** Erdman, R.
TuTh 1:00pm-1:50pm (ANS 0402)
Tu 8:00am-10:00am (ANS 1144) Lab
0102 **(01556)** Erdman, R.
TuTh 1:00pm-1:50pm (ANS 0402)
Tu 10:00am-12:00pm (ANS 1144) Lab

ANSC350 Ornithology; (4) REG/P-F/AUD. *Three mandatory field trips. Prerequisite: BIOL 105.*
0101 **(01566)** Kuenzel, W.
MWF 9:00am-9:50am (ANS 0412)
W 2:00pm-4:50pm (ANS 4132) Lab

ANSC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ANSC388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(01881)** STAFF
Time and room to be arranged

ANSC398 Seminar: Veterinary Medicine: Opportunities and Options; (1) REG/P-F/AUD.
0101 **(01603)** Hueston, W.
M 6:00pm-6:50pm (ANS 0408)

ANSC399 *(PermReq)* **Special Problems in Animal Science; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC412 Introduction to Diseases of Animals; (3) REG/P-F/AUD. *Prerequisite: MICB 200 and BIOL 105.*
0101 **(01643)** Bright, P.
Tu 11:00am-12:00pm (ANS 0408)
Th 11:00am-1:00pm (ANS 0408)

ANSC420 Animal Production Systems; (4) REG/P-F/AUD. CORE: CS *Prerequisites: ANSC 101, ANSC 220, and (ANSC 240 or ANSC 262). Formerly ANSC 423.*
0101 **(01653)** Erdman, R.
M 8:00am-10:50am (ANS 0402)
F 8:00am-10:50am (ANS 0402) Lab

ANSC430 *(PermReq)* **Food Microbiology; (2)** REG/P-F/AUD. *Prerequisite: MICB 200 or equivalent. Also offered as NFSC 430. Credit will be granted for only one of the following: ANSC 430 or NFSC 430.*
0101 **(01663)** Westhoff, D.
TuTh 9:00am-9:50am (ANS 0408)

ANSC434 *(PermReq)* **Food Microbiology Laboratory; (2)** REG/P-F/AUD. *Pre- or corequisite: ANSC 430 or NFSC 430. Also offered as NFSC 434. Credit will be granted for only one of the following: ANSC 434 or NFSC 434.*
0101 **(01673)** Westhoff, D.
TuTh 1:00pm-4:00pm (ANS 1150) Lab

ANSC453 Animal Welfare; (3) REG/P-F/AUD. *Prerequisite: ANSC 101 or ZOOL 210 or permission of instructor.*
0101 **(01683)** Stricklin, W.
MWF 1:00pm-1:50pm (ANS 0412)

ANSC461 Technology of Market Eggs and Poultry; (3) REG/P-F/AUD. *Formerly NFSC 461.*
0101 **(01693)** Heath, J.
MW 12:00pm-1:00pm (ANS 0422)
F 12:00pm-2:00pm (ANS 1150) Lab

ANSC489 Current Topics in Animal Science; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC489D Current Topics in Animal Science: Animal Management Practicum; (2) REG/P-F/AUD. Prerequisite: ANSC 101. Three additional hours per week to be arranged. Contact ANSC undergraduate office for information.
0101 **(01728)** Keyser, R.
M 3:00pm-5:50pm (ANS 0402)
Time and room to be arranged Dis

ANSC489E Current Topics in Animal Science: Sensory Evaluation of Dairy Products; (2) REG/P-F/AUD.
0101 **(01738)** Rankin, S.
W 4:00pm-6:00pm (ANS 0402)

ANSC489H Current Topics in Animal Science: Nutrition and Physiology of Animal Growth; (3) REG/P-F/AUD.
0101 **(01749)** Porter, T.
MWF 12:00pm-12:50pm (ANS 0402)

ANSC660 Poultry Literature; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC661 Physiology of Reproduction; (3) REG/AUD.
0101 **(01882)** Ottinger, M.
F 9:00am-12:00pm (ANS 0467)

ANSC677 Advanced Animal Adaptations to the Environment; (2) REG/AUD. *Prerequisite: ANSC 406 or permission of instructor.*
0101 **(01883)** Stricklin, W.
Time and room to be arranged

ANSC687 Veterinary Virology; (3) REG/AUD. *Prerequisite: MICB 460.*
0101 **(01763)** Dutta, S.
TuTh 1:30pm-3:00pm (ANS 0412)

ANSC688 *(PermReq)* **Special Topics: Advanced Nutrition and Physiology of Animal Growth; (3)** REG/AUD.
0101 **(01764)** Porter, T.
Time and room to be arranged

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

ANSC698 Seminar: Ruminant Nutrition; (2) REG/AUD.
0101 **(01773)** Erdman, R.
W 2:00pm-3:50pm (ANS 3105)

ANSC698C Seminar: Recent Advances in Animal and Avian Sciences; (1) REG/AUD. Credit will be granted for ANSC 698A and ANSC 698C.
0101 **(01783)** Stricklin, W.
Tu 12:30pm-1:30pm (ANS 0408)

ANSC698D *(PermReq)* **Seminar: Graduate Seminar in Aquaculture Nutrition; (1)** REG/AUD.
0101 **(01793)** Soares, J.
Time and room to be arranged

ANSC699 *(PermReq)* **Special Problems in Animal Science; (1-2)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ANSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ANTH Anthropology
(Behavioral and Social Sciences)

ANTH240 Introduction to Archaeology; (3) REG/P-F/AUD. CORE: SB DIVERSITY *Credit will be granted for only one of the following: ANTH 240 or ANTH 241. Formerly ANTH 241.*
0101 **(01929)** Shackel, P.
TuTh 12:30pm-1:45pm (KEY 0102)

ANTH260 Introduction to Sociocultural Anthropology and Linguistics; (3) REG/AUD. CORE: SB DIVERSITY *Credit will be granted for only one of the following: ANTH 102 or ANTH 260. Formerly ANTH 102.*
0101 **(01939)** Williams, A.
TuTh 12:30pm-1:45pm (WDS 1114)

ANTH262 Culture and Environment; (3) REG/P-F/AUD. CORE: SB DIVERSITY *Prerequisite: ANTH 260 or permission of department. Credit will be granted for only one of the following: ANTH 221 or ANTH 262. Formerly ANTH 221.*
0101 **(01949)** Stuart, W.
MWF 10:00am-10:50am (WDS 1114)

ANTH298A *(PermReq)* **Special Topics in Anthropology: Chesapeake - An Archaeology of Maryland; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANTH340 Method and Theory in Archaeology; (3) REG/P-F/AUD. *Prerequisite: ANTH 240.*
0101 **(02285)** Shackel, P.
M 2:00pm-4:40pm (WDS 1131)

ANTH342 Archaeology of New World; (3) REG/P-F/AUD. *Prerequisite: ANTH 240. Credit will be granted for only one of the following: ANTH 342 or ANTH 451. Formerly ANTH 451.*
0101 **(01972)** Leone, M.
MWF 2:00pm-2:50pm (WDS 1114)

ANTH368N Regional Ethnography: Cultures of Native North America; (3) REG/P-F/AUD.
0101 **(01982)** Williams, A.
TuTh 9:30am-10:45am (WDS 1114)

ANTH386 *(PermReq)* **Experiential Learning; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor; upper division status; permission of department. Recommended: completion of advanced courses in relevant subfield of anthropology. 56 semester hours. For ANTH majors only.*

ANTH398A *(PermReq)* **Independent Study: Research Problems; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ANTH398R Independent Study: Proseminar: Capstone Writing and Research I; (1) REG/P-F/AUD.
0101 **(02029)** Stuart, W.
Tu 2:00pm-3:00pm (WDS 0104)

ANTH398T Independent Study: Proseminar: Capstone Writing and Research II; (1) REG/P-F/AUD.
0101 **(02039)** Stuart, W.
Tu 2:00pm-3:00pm (WDS 0104)

ANTH448S *(PermReq)* **Special Topics in Archaeology: GIS for Anthropologists; (3)** REG/P-F/AUD. Knowledge of/experience with Auto CAD required.
0101 **(02049)** Cox, C.
M 5:00pm-7:40pm (WDS 1124)

ANTH460 Interpretive Anthropology; (3) REG/P-F/AUD. *Prerequisite: ANTH 260 or permission of department.*
0101 **(02059)** Stuart, W.
TuTh 11:00am-12:15pm (MMH 0108)

ANTH468B Special Topics in Cultural Anthropology: Applied Urban Ethnography; (3) REG/P-F/AUD. Upper level status in ANTH required or permission of instructor.
0101 **(02069)** Whitehead, T.
W 12:00pm-2:40pm (WDS 1127)

ANTH468M Special Topics in Cultural Anthropology: Quantitative Approaches to Applied Anthropology; (3) REG/P-F/AUD. Prerequisite: must have completed MATH 110 or equivalent/higher.
0101 **(02079)** Nagle, C.
W 6:00pm-8:40pm (WDS 1127)

ANTH468Q Special Topics in Cultural Anthropology: Tribal, Peasant, and Market Economies; (3) REG/P-F/AUD.
0101 **(02089)** Paolisso, M.
TuTh 9:30am-10:45am (WDS 0104)

ANTH468U Special Topics in Cultural Anthropology: The Anthropology of Tourism; (3) REG/P-F/AUD.
0101 **(02099)** Chambers, E.
TuTh 11:00am-12:15pm (WDS 0104)

ANTH486 *(PermReq)* **Honors Research; (3-4)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH 486 or ANTH 4~6.*

ANTH487 *(PermReq)* **Honors Thesis; (3-4)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: ANTH 486; permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH 48~ or ANTH 4~~.*

ANTH607 Methods of Cultural Analysis II; (3) REG.
0101 **(02145)** Whitehead, T.
Th 6:00pm-8:40pm (WDS 1131)

ANTH630 Quantitative Approaches to Applied Anthropology; (3) REG/AUD.
0101 **(02155)** Nagle, C.
W 6:00pm-8:40pm (WDS 1127)

ANTH688I Current Developments in Anthropology: Interpretive Anthropology; (3) REG/AUD.
0101 **(02165)** Stuart, W.
TuTh 11:00am-12:15pm (MMH 0108)

ANTH689A *(PermReq)* **Special Problems in Anthropology; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ANTH689B Special Problems in Anthropology: Applied Urban Ethnography; (3) REG/S-F. Upper level status in ANTH required or permission of instructor.
0101 **(02188)** Whitehead, T.
W 12:00pm-2:40pm (WDS 1127)

ANTH689N Special Problems in Anthropology: Archaeology of New World; (3) REG/S-F.
0101 **(02198)** Leone, M.
MWF 2:00pm-2:50pm (WDS 1114)

ANTH689Q Special Problems in Anthropology: Tribal, Peasant, and Market Economies; (3) REG/S-F.
0101 **(02208)** Paolisso, M.
TuTh 9:30am-10:45am (WDS 0104)

ANTH689R Special Problems in Anthropology: Method and Theory in Archaeology; (3) REG/S-F.
0101 **(51725)** Shackel, P.
M 2:00pm-4:40pm (WDS 1131)

ANTH689S *(PermReq)* **Special Problems in Anthropology: GIS for Anthropologists; (3)** REG/S-F. Knowledge of/experience with Auto CAD required.
0101 **(02218)** Cox, C.
M 5:00pm-7:40pm (WDS 1124)
0201 **(02219)** Cox, C.
Time and room to be arranged

ANTH689U Special Problems in Anthropology: The Anthropology of Tourism; (3) REG/S-F.
0101 **(02229)** Chambers, E.
TuTh 11:00am-12:15pm (WDS 0104)

ANTH701 Internship Preparation; (3) REG/AUD.
0101 **(02249)** Freidenberg, J.
M 6:00pm-8:40pm (WDS 1127)

ANTH705 *(PermReq)* **Internship; (3-12)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH ~01.*

ANTH712 *(PermReq)* **Internship Analysis; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH ~05.*

ARCH Architecture
(Architecture)

ARCH170 Introduction to the Built Environment; (3) REG/P-F/AUD. CORE: HA
0101 **(02334)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
F 10:00am-10:50am (ARC 1105) Dis
0102 **(02335)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1105) Dis
0103 **(02336)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
F 1:00pm-1:50pm (ARC 1105) Dis
0104 **(02337)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Th 2:00pm-2:50pm (ARC 1103) Dis
0105 **(02338)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1103) Dis
0106 **(02339)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
F 12:00pm-12:50pm (ARC 1105) Dis
0107 **(02340)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
M 12:00pm-12:50pm (ARC 1103) Dis
0108 **(02341)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1127) Dis
0109 **(02342)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1123) Dis
0110 **(02343)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1105) Dis
0111 **(02344)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 1:00pm-1:50pm (ARC 1101) Dis
0201 **(02345)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
F 1:00pm-1:50pm (ARC 1103) Dis
0202 **(02346)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1127) Dis
0203 **(02347)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
F 1:00pm-1:50pm (ARC 1101) Dis
0204 **(02348)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
W 1:00pm-1:50pm (ARC 1105) Dis
0205 **(02349)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
Th 12:30pm-1:20pm (ARC 1105) Dis
0206 **(02350)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1125) Dis
0207 **(02351)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1123) Dis
0208 **(02352)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1101) Dis
0209 **(02353)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1103) Dis
0210 **(02354)** Schlesinger, B.
MW 11:00am-11:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1101) Dis

ARCH221 History of Architecture II; (3) REG/P-F/AUD. *Prerequisite: ARCH 220 or permission of department.*
0101 **(02364)** Gournay, I.
TuTh 9:30am-10:45am (ARC 0204)

ARCH242 *(PermReq)* **Drawing I; (2)** REG/P-F/AUD. Architecture majors only.
0101 **(02374)** STAFF
F 9:00am-10:50am (ARC 1101)
W 9:00am-10:50am (ARC 1121) Lab
0102 **(02375)** STAFF
F 9:00am-10:50am (ARC 1101)
W 12:00pm-1:50pm (ARC 1121) Lab
0104 **(02376)** STAFF
F 9:00am-10:50am (ARC 1101)
Tu 7:30pm-9:20pm (ARC 1121) Lab

ARCH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Contact David Fogle for information.

ARCH401 *(PermReq)* **Architecture Studio II; (6)** REG/P-F/AUD. *Prerequisite: ARCH 400 with a grade of C or better. For ARCH majors only.*
0101 **(02403)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis
For 3 1/2 year graduate students only.
0102 **(02404)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis
For 3 1/2 year graduate students only.
0103 **(02405)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis
0104 **(02406)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis

ARCH403 *(PermReq)* **Architecture Studio IV; (6)** REG/P-F/AUD. *Prerequisite: ARCH 402 with a grade of C or better. For ARCH majors only.*
0101 **(02416)** STAFF
MWF 2:00pm-6:00pm (ARC 1103) Lab
MWF 2:00pm-6:00pm (ARC 1101) Dis
For 3 1/2 year graduate students only.
0102 **(02417)** STAFF
MWF 2:00pm-6:00pm (ARC 1103) Lab
MWF 2:00pm-6:00pm (ARC 1101) Dis
For 3 1/2 year graduate students only.
0103 **(02418)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis
0104 **(02419)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis

ARCH408 *(PermReq)* **Selected Topics in Architecture Studio: Architecture Studio Elective; (3-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ARCH 403 or equivalent. ARCH majors only. Contact Stephen Sachs for information.

ARCH411 *(PermReq)* **Technology II; (4)** REG/P-F/AUD. *Prerequisite: ARCH 410. Corequisite: ARCH 401. For ARCH majors only.*
0101 **(02446)** Jurmala, P.
TuTh 3:30pm-5:30pm (ARC 1105)

ARCH413 *(PermReq)* **Technology IV; (4)** REG/P-F/AUD. *Prerequisite: ARCH 412. Corequisite: ARCH 403. For ARCH majors only.*
0101 **(02456)** Bovill, C.
TuTh 9:00am-10:50am (ARC 1105)

ARCH418S *(PermReq)* **Selected Topics in Architectural Science: Topics in Sustainability; (3)** REG/P-F/AUD. Prerequisite: ARCH 413 and permission of instructor.
0101 **(02457)** Bovill, C.
TuTh 4:00pm-5:30pm (ARC 1123)

ARCH419 *(PermReq)* **Independent Studies in Architectural Science; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Carl Bovill for course information.

ARCH420 History of American Architecture; (3) REG/P-F/AUD. *Prerequisite: ARCH 221 or permission of department.*
0101 **(02483)** Gournay, I.
TuTh 2:00pm-3:15pm (ARC 1101)

ARCH427 *(PermReq)* **Theories of Architecture; (3)** REG/P-F/AUD. *Prerequisite: ARCH 221 or permission of department. For ARCH majors only.*
0101 **(02503)** Lewis, R.
W 7:00pm-10:00pm (ARC 1125)
Section 0101 is for 3 1/2 year graduate students only.

ARCH428M *(PermReq)* **Selected Topics in Architectural History: Five Modern Architects; (3)** REG.
0101 **(02514)** Schumacher, T.
M 9:00am-11:00am (ARC 1125)
W 10:00am-11:00am (ARC 1125)

ARCH429 *(PermReq)* **Independent Studies in Architectural History; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only.

ARCH437 History of Pre-Columbian Architecture; (3) REG/P-F/AUD.
0101 **(02786)** Vann, R.
TuTh 12:30pm-1:45pm (ARC 1103)

ARCH445 *(PermReq)* **Visual Analysis of Architecture; (3)** REG/P-F/AUD. *Prerequisite: ARCH 401 and ARCH 343, or permission of department.* Majors only.
0101 **(02540)** Goodill, M.
M 11:00am-1:00pm (ARC 1105)
W 11:00am-12:00pm (ARC 1125) Dis

ARCH449 *(PermReq)* **Independent Studies in Visual Studies; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only.

ARCH459 *(PermReq)* **Independent Studies in Urban Planning; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.

ARCH460 *(PermReq)* **Site Analysis and Design; (3)** REG/P-F/AUD. *Prerequisite: ARCH majors only or permission of department.*
0101 **(02594)** Hilsenrath, E.
TuTh 12:30pm-1:45pm (ARC 0204)

ARCH470 *(PermReq)* **Computer Applications in Architecture; (3)** REG. *Prerequisite: ARCH 400 or permission of department.*
0101 **(02604)** Bovill, C.
TuTh 1:30pm-3:30pm (ARC 1105)

ARCH472 Economic Determinants in Architecture; (3) REG.
0101 **(02614)** Hill, J.
M 7:00pm-10:00pm (ARC 1121)

ARCH479 *(PermReq)* **Independent Studies in Architecture; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information.

ARCH480 *(PermReq)* **Problems and Methods of Architectural Preservation; (3)** REG/P-F/AUD. *Prerequisite: ARCH 420 or permission of department.* Majors only. This course will be taught at the National Building Museum.
0101 **(02641)** Fogle, D.
Tu 6:30pm-9:00pm (Arranged)

ARCH488 Selected Topics in Architectural Preservation: Measured Drawings in Historic Preservation; (3) REG/AUD.
0101 **(02651)** Capen, J.
W 7:00pm-9:40pm (ARC 1127)

ARCH489 *(PermReq)* **Independent Studies in Architectural Preservation; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.

ARCH601 *(PermReq)* **Architecture Studio VI; (6)** REG/AUD *Prerequisite: ARCH 600.*
0101 **(02678)** STAFF
MWF 2:00pm-6:00pm (ARC 1105) Lab
MWF 2:00pm-6:00pm (ARC 1123) Dis
0102 **(02679)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis
0103 **(02680)** STAFF
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis

ARCH628E Selected Topics in Architectural History: History of Housing; (3) REG/AUD.
0101 **(02690)** Gournay, I.
F 9:30am-12:30pm (ARC 1127)

ARCH654 *(PermReq)* **Urban Development and Design Theory; (3)** REG/AUD. *Prerequisite: permission of instructor.*
0101 **(02700)** Dupuy, K.
MWF 11:00am-12:00pm (ARC 1103)

ARCH678 *(PermReq)* **Selected Topics in Architecture; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only.

ARCH678C *(PermReq)* **Selected Topics in Architecture: Advanced Computer Applications; (3)** REG. Prerequisite: ARCH 470 and permission of instructor.
0101 **(02727)** Sachs, S.
W 9:00am-11:00am (ARC 1105)
F 9:00am-11:00am (ARC 1121)

ARCH678T *(PermReq)* **Selected Topics in Architecture: Type and Typology in Architecture; (3)** REG/AUD.
0101 **(02737)** Francescato, G.
TuTh 11:00am-12:15pm (ARC 1127)

ARCH679 *(PermReq)* **Independent Studies in Architecture; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. ARCH majors only.

ARCH797 *(PermReq)* **Thesis Proseminar; (3)** REG/AUD. *Prerequisite: ARCH 601.*
0101 **(02764)** Bechhoefer, W.
W 11:00am-12:00pm (ARC 1121)
F 10:00am-12:00pm (ARC 1123)

ARCH798 *(PermReq)* **Thesis in Architecture; (3)** REG.
0101 **(02774)** Dupuy, K.
Tu 1:00pm-4:00pm (ARC 1127)

ARCH799 Master's Thesis Research; (1-6) REG. ARCH majors only.
0101 **(02784)** Dupuy, K.
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 1125) Dis

AREC Agricultural and Resource Economics
(Agriculture and Natural Resources)

AREC240 Introduction to Economics and the Environment; (3) REG/P-F/AUD. CORE: SB
0101 **(02834)** Olson, L.
MW 11:00am-12:15pm (SYM 0200)
F 11:00am-12:00pm (SYM 0200) Dis
0102 **(02835)** Olson, L.
MW 11:00am-12:15pm (SYM 0200)
F 12:00pm-1:00pm (SYM 0200) Dis

AREC250 Elements of Agricultural and Resource Economics; (3) REG/P-F/AUD. CORE: SB
0101 **(02845)** Lynch, L.
TuTh 11:00am-12:15pm (CHM 2201)

AREC306 Farm Management; (3) REG/P-F/AUD.
0101 **(02855)** Johnson, D.
MW 4:00pm-5:15pm (SYM 0200)

AREC332 Introduction to Natural Resource Policy; (3) REG/P-F/AUD. *Prerequisite: AREC 240. Credit will be granted for only one of the following: AREC 432 or AREC 332. Formerly AREC 432.*
0101 **(02865)** Parker, D.
MW 9:00am-10:45am (SYM 0200)

AREC365 World Hunger, Population, and Food Supplies; (3) REG/P-F/AUD. DIVERSITY
0101 **(02875)** Moore, J.
MWF 11:00am-11:50am (HJP 0226)

AREC382 Computer-Based Analysis in Agricultural and Resource Economics; (3) REG/P-F/AUD. *Prerequisites: ECON 203 or equivalent and CMSC 103 or equivalent. Recommended: STAT 100.*
0101 **(02885)** Hardie, I.
W 1:00pm-1:50pm (SYM 2109)
F 1:00pm-3:45pm (ANS 0473) Lab

AREC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

AREC388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(51731)** STAFF
Time and room to be arranged

AREC399 Special Problems; (1-2) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AREC404 Prices of Agricultural Products; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0101 **(02927)** Hardie, I.
TuTh 9:30am-10:45am (SYM 2109)

AREC405 Economics of Agricultural Production; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0101 **(02937)** Chambers, R.
TuTh 2:00pm-3:15pm (SYM 2109)

AREC445 Agricultural Development, Population Growth and the Environment; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: ECON 306.*
0101 **(02947)** Aggarwal, R.
TuTh 11:00am-12:15pm (SYM 2109)

AREC453 Natural Resources and Public Policy; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0101 **(02957)** Lichtenberg, E.
MW 2:00pm-3:15pm (SYM 2109)

AREC610 Microeconomic Applications in Agricultural and Resource Markets; (3) REG/AUD. *Three hours of lecture and one and one-half hours of discussion per week. Prerequisite: ECON 603.*
0101 **(02967)** Chambers, R.
TuTh 10:00am-11:15am (PLS 1164)

AREC624 Applied Econometrics II; (4) REG/AUD. *Three hours of lecture and one and one-half hours of discussion per week.* Course is team taught by Dr. E. Bockstael and Dr. R. Aggarwal.
0101 **(02977)** Aggarwal, R.
MWF 9:00am-10:30am (SYM 2109)

AREC632 Agricultural Policy Analysis; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 632 or AREC 832.*
0101 **(02987)** Gardner, B.
TuTh 2:00pm-3:15pm (SYM 0200)

AREC699 *(PermReq)* **Special Problems in Agricultural and Resource Economics; (1-2)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AREC753 Economics of Renewable Natural Resources; (3) REG/AUD. *Prerequisite: AREC 610; and AREC 620; or permission of department.* This course is being co-taught by Dr. Lichtenberg and Dr. McConnell.
0101 **(03029)** Lichtenberg, E.
MW 11:00am-12:15pm (SYM 2109)

AREC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

AREC832 Advanced Agricultural Policy Analysis; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 632 or AREC 832.*
0101 **(03061)** Gardner, B.
TuTh 2:00pm-3:15pm (SYM 0200)

AREC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ARHU Arts and Humanities
(Arts and Humanities)

ARHU298H Special Problems in Arts and Humanities: Medieval and Renaissance Humanism, Humanists and Their World; (3) REG/P-F/AUD.
0101 **(03093)** Rutenburg, J.
TuTh 3:30pm-4:45pm (KEY 0123)

ARHU386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ARHU390H Cross-Cultural Perspectives on Quality; (3) REG. *Third course in a series of four courses in the IBM TQ program.*
0101 **(03143)** Hinshaw, J.
TuTh 5:00pm-6:15pm (VMH 2203)

ARSC Air Science
(Special Programs)

ARSC101 The Air Force Today II; (1) REG. An elective course (required for cadets in the 4 year AFROTC program) open to all university students. All military cadets must also enroll in the ARSC 159 lab concurrently with ARSC 101.
0101 **(03193)** STAFF
Tu 10:00am-10:50am (COL 3111)
0102 **(03194)** STAFF
Th 10:00am-10:50am (COL 3112)
0103 **(03195)** STAFF
Th 2:00pm-2:50pm (COL 3112)
0201 **(03196)** STAFF
Time and room to be arranged

ARSC159 Air Force Officer Lab; (1) S-F.
0101 **(03206)** Reid, E.
Th 7:00am-9:00am (ARM 0135) Lab
0201 **(03207)** Reid, E.
Th 6:00am-7:50am (ARM 0121) Lab

ARSC201 The Development of Air Power II; (1) REG. An elective course (but required for cadets in the four year AFROTC program) open to all university students. Highly recommended for cadets seeking admission to the summer Field Training program and the final two years of the AFROTC program. Military cadets must also enroll in the ARSC 159 lab concurrently.
0101 **(03217)** Newton, D.
Th 11:00am-11:50am (COL 3109)
0102 **(03218)** Newton, D.
Th 1:00pm-1:50pm (COL 3114)
0103 **(03219)** Newton, D.
Tu 10:00am-10:50am (COL 3114)
0104 **(03220)** Newton, D.
Time and room to be arranged

ARSC311 Management and Leadership II; (3) REG/P-F/AUD. Required for all juniors in AFROTC. Open to all university students as an elective. Military cadets must also enroll in ARSC 159.
0101 **(03230)** Reid, E.
Th 10:00am-1:00pm (COL 3110)
0102 **(03231)** Reid, E.
TuTh 3:00pm-4:30pm (COL 3110)

ARSC321 National Security Forces in Contemporary American Society II; (3) REG. Required course for all seniors in the AFROTC program. Open to other interested university students. All military cadets must enroll in the ARSC 159 lab concurrently.
0101 **(03241)** Shick, L.
TuTh 2:00pm-3:30pm (COL 3121)
0201 **(03242)** Shick, L.
Th 9:30am-12:30pm (COL 3121)

ARTH Art History & Archaeology
(Arts and Humanities)

ARTH100 Introduction to Art; (3) REG/P-F/AUD. CORE: HA *No credit toward the major can be received for this course.*
0101 **(03292)** Mills, C.
MW 10:00am-10:50am (ASY 2203)
M 9:00am-9:50am (ASY 3221) Dis
0102 **(03293)** Mills, C.
MW 10:00am-10:50am (ASY 2203)
M 11:00am-11:50am (ASY 3219) Dis
0103 **(03294)** Mills, C.
MW 10:00am-10:50am (ASY 2203)
W 9:00am-9:50am (ASY 3211) Dis
0104 **(03295)** Mills, C.
MW 10:00am-10:50am (ASY 2203)
W 11:00am-11:50am (ASY 3221) Dis
0105 **(03296)** Mills, C.
MW 10:00am-10:50am (ASY 2203)
F 10:00am-10:50am (ASY 3215) Dis
0106 **(03297)** Mills, C.
MW 10:00am-10:50am (ASY 2203)
F 11:00am-11:50am (ASY 3215) Dis

ARTH200 Art of the Western World to 1300; (3) REG/P-F/AUD. CORE: HA *Formerly ARTH 260.*
0101 **(03307)** Denny, D.
TuTh 11:00am-11:50am (ASY 1213)
Tu 9:00am-9:50am (ASY 3221) Dis
0102 **(03308)** Denny, D.
TuTh 11:00am-11:50am (ASY 1213)
Tu 10:00am-10:50am (ASY 3221) Dis
0103 **(03309)** Denny, D.
TuTh 11:00am-11:50am (ASY 1213)
Th 9:00am-9:50am (ASY 3221) Dis
0104 **(03310)** Denny, D.
TuTh 11:00am-11:50am (ASY 1213)
Th 10:00am-10:50am (ASY 3221) Dis

ARTH201 Art of the Western World after 1300; (3) REG/P-F/AUD. CORE: HA *Formerly ARTH 261.*
0101 **(03320)** Wyss, E.
MW 11:00am-11:50am (ASY 2203)
F 11:00am-11:50am (ASY 3219) Dis
0102 **(03321)** Wyss, E.
MW 11:00am-11:50am (ASY 2203)
M 10:00am-10:50am (ASY 3219) Dis
0103 **(03322)** Wyss, E.
MW 11:00am-11:50am (ASY 2203)
W 10:00am-10:50am (ASY 3219) Dis
0104 **(03323)** Wyss, E.
MW 11:00am-11:50am (ASY 2203)
W 9:00am-9:50am (ASY 3219) Dis
0105 **(03324)** Wyss, E.
MW 11:00am-11:50am (ASY 2203)
M 9:00am-9:50am (ASY 3211) Dis
0106 **(03325)** Wyss, E.
MW 11:00am-11:50am (ASY 2203)
F 9:00am-9:50am (ASY 3221) Dis
0201 **(03326)** Colantuono, A.
TuTh 11:00am-11:50am (ASY 2203)
W 11:00am-11:50am (ASY 3219) Dis
0202 **(03327)** Colantuono, A.
TuTh 11:00am-11:50am (ASY 2203)
M 11:00am-11:50am (ASY 3221) Dis
0203 **(03328)** Colantuono, A.
TuTh 11:00am-11:50am (ASY 2203)
W 10:00am-10:50am (ASY 3221) Dis
0204 **(03329)** Colantuono, A.
TuTh 11:00am-11:50am (ASY 2203)
M 10:00am-10:50am (ASY 3221) Dis

ARTH275 Art and Archaeology of Africa; (3) REG/P-F/AUD. CORE: HA DIVERSITY *Formerly ARTH 284.*
0101 **(03341)** Holland, J.
TuTh 9:30am-10:20am (ASY 2203)
M 11:00am-11:50am (ASY 3211) Dis
0102 **(03342)** Holland, J.
TuTh 9:30am-10:20am (ASY 2203)
W 11:00am-11:50am (ASY 3211) Dis
0103 **(03343)** Holland, J.
TuTh 9:30am-10:20am (ASY 2203)
M 9:00am-9:50am (ASY 3215) Dis
0104 **(03344)** Holland, J.
TuTh 9:30am-10:20am (ASY 2203)
W 9:00am-9:50am (ASY 3215) Dis

ARTH290 Art of Asia; (3) REG/P-F/AUD. CORE: HA DIVERSITY *Formerly ARTH 262.*
0101 **(03356)** Kuo, J.
MW 9:00am-9:50am (ASY 2203)
M 10:00am-10:50am (ASY 3211) Dis
0102 **(03357)** Kuo, J.
MW 9:00am-9:50am (ASY 2203)
M 11:00am-11:50am (ASY 3215) Dis
0103 **(03358)** Kuo, J.
MW 9:00am-9:50am (ASY 2203)
W 10:00am-10:50am (ASY 3215) Dis
0104 **(03359)** Kuo, J.
MW 9:00am-9:50am (ASY 2203)
W 11:00am-11:50am (ASY 3215) Dis

ARTH378 Special Topics for Honors Students; (3) REG/P-F/AUD.
0101 **(03371)** STAFF
Time and room to be arranged

ARTH379 *(PermReq)* **Honors Thesis; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ARTH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ARTH395 Art of Japan; (3) REG/P-F/AUD. DIVERSITY *Formerly ARTH 407.*
0101 **(03402)** Kita, S.
TuTh 9:30am-10:45am (ASY 3211)

ARTH411 Gothic Art; (3) REG/P-F/AUD. *Formerly ARTH 413.*
0101 **(03412)** Denny, D.
TuTh 2:00pm-3:15pm (ASY 3219)

ARTH416 Sixteenth Century Italian Renaissance Art; (3) REG/P-F/AUD.
0101 **(03422)** Johnson, L.
TuTh 11:00am-12:15pm (ASY 3211)

ARTH425 Sixteenth-Century Northern European Painting; (3) REG/P-F/AUD. *Formerly ARTH 417.*
0101 **(03432)** Farquhar, J.
TuTh 11:00am-12:15pm (ASY 3215)

ARTH446 Nineteenth-Century European Art from 1850; (3) REG/P-F/AUD. *Formerly ARTH 441.*
0101 **(03442)** Libby, S.
TuTh 2:00pm-3:15pm (ASY 3215)

ARTH453 History of American Art to 1876; (3) REG/P-F/AUD.
0101 **(03452)** Kelly, F.
Th 3:30pm-6:00pm (ASY 3215)

ARTH456 Twentieth-Century Art from 1945; (3) REG/P-F/AUD. *Formerly ARTH 451.*
0101 **(03462)** STAFF
M 3:00pm-5:40pm (ASY 3211)

ARTH457 History of Photography; (3) REG/P-F/AUD. *Formerly ARTH 452.*
0101 **(03463)** STAFF
W 3:00pm-5:30pm (ASY 3215)

ARTH475 Ancient Art and Archaeology of Africa; (3) REG/P-F/AUD. DIVERSITY *Formerly ARTH 462.*
0101 **(03472)** Eyo, E.
TuTh 9:30am-10:45am (ASY 3215)

ARTH484 Archaeological Theories, Methods, and Practice; (3) REG/P-F/AUD. *45 semester hours.*
0101 **(03482)** Winter, F.
TuTh 2:00pm-3:15pm (ASY 3211)

ARTH489A Special Topics in Art History: Caribbean Arts; (3) REG/P-F/AUD.
0101 **(03492)** Holland, J.
TuTh 12:30pm-1:45pm (ASY 3215)

ARTH489B Special Topics in Art History; (3) REG/P-F/AUD.
0101 **(03502)** Eyo, E.
TuTh 2:00pm-3:15pm (ASY 3217)

ARTH489C Special Topics in Art History; (3) REG/P-F/AUD.
0101 **(03512)** Kita, S.
TuTh 12:30pm-1:45pm (ASY 3211)

ARTH498 *(PermReq)* **Directed Studies in Art History I; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTH499 *(PermReq)* **Directed Studies in Art History II; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTH619 Studies in Italian Renaissance Art; (3) REG/AUD.
0101 **(03722)** STAFF
Tu 12:00pm-2:40pm (ASY 4304)

ARTH638 Studies in Seventeenth-Century Southern European Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03577)** Colantuono, A.
Tu 3:00pm-5:40pm (ASY 4304)

ARTH659 Studies in Twentieth-Century Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03587)** Withers, J.
Th 12:00pm-2:40pm (ASY 4304)

ARTH678 Studies in Chinese Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03597)** Kuo, J.
M 12:00pm-2:40pm (ASY 4304)

ARTH689A Selected Topics in Art History; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03607)** STAFF
Tu 12:00pm-2:40pm (ASY 4303)

ARTH692 Methods of Art History; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03617)** Farquhar, J.
Th 3:00pm-5:40pm (ASY 4304)

ARTH739 Seminar in Seventeenth-Century Northern European Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03627)** Wheelock, A.
M 3:00pm-5:40pm (ASY 4304)

ARTH759 Seminar in Twentieth-Century Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03647)** STAFF
W 3:00pm-5:40pm (ASY 4304)

ARTH789A Selected Topics in Art History: History and Examination of Painting Techniques; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03657)** Gifford, E.
F 1:00pm-3:40pm (ASY 4304)

ARTH789B Selected Topics in Art History; (3) REG/AUD.
0101 **(03658)** STAFF
W 2:00pm-4:40pm (ASY 4306)

ARTH798 *(PermReq)* **Directed Graduate Studies in Art History; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTT Art Studio
(Arts and Humanities)

ARTT100 Two Dimensional Art Fundamentals; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ARTT 100, ARTS 100, DESN 101, or APDS 101. Formerly ARTS 100.*
0101 **(03771)** Lapinski, T.
TuTh 12:30pm-2:30pm (ASY 2318) Lab
0201 **(03772)** Lapinski, T.
TuTh 12:30pm-2:30pm (ASY 2314) Lab
0301 **(03773)** Demonte, C.
MW 3:00pm-5:00pm (ASY 2314) Lab
0401 **(03774)** Demonte, C.
MW 3:00pm-5:00pm (ASY 2318) Lab
0501 **(03775)** Demonte, C.
TuTh 9:00am-11:00am (ASY 2314) Lab
0601 **(03776)** Demonte, C.
TuTh 9:00am-11:00am (ASY 2318) Lab

ARTT110 Elements of Drawing I; (3) REG/P-F/AUD. *Formerly ARTS 110.*
0101 **(03786)** Thorpe, J.
TuTh 12:30pm-3:00pm (MMH 0401) Lab
0201 **(03787)** Thorpe, J.
TuTh 12:30pm-3:00pm (MMH 0401) Lab
0301 **(03788)** STAFF
MW 12:30pm-3:00pm (ASY 2317) Lab
0401 **(03789)** STAFF
MW 12:30pm-3:00pm (ASY 2321) Lab
0501 **(03790)** Kehoe, P.
TuTh 12:30pm-3:00pm (ASY 2317) Lab
0601 **(03791)** Kehoe, P.
TuTh 12:30pm-3:00pm (ASY 2321) Lab
0701 **(03792)** STAFF
MW 3:00pm-5:30pm (ASY 2317) Lab

(ARTT 110 cont'd)

0801 **(03793)** STAFF
MW 3:00pm-5:30pm (ASY 2321) Lab

ARTT150 Introduction to Art Theory; (3) REG/P-F/AUD. CORE: HA
0101 **(03803)** STAFF
MW 12:00pm-12:50pm (ARC 0204)
M 1:00pm-1:50pm (ASY 3219) Dis
0102 **(03804)** STAFF
MW 12:00pm-12:50pm (ARC 0204)
W 1:00pm-1:50pm (ASY 3219) Dis
0103 **(03805)** STAFF
MW 12:00pm-12:50pm (ARC 0204)
F 1:00pm-1:50pm (ASY 3219) Dis
0201 **(03806)** Main, S.
TuTh 3:30pm-4:20pm (ASY 2309)
Tu 2:00pm-2:50pm (TWS 0135) Dis
0202 **(03807)** Main, S.
TuTh 3:30pm-4:20pm (ASY 2309)
Th 1:00pm-1:50pm (TWS 2228) Dis
0203 **(03808)** Main, S.
TuTh 3:30pm-4:20pm (ASY 2309)
Th 12:00pm-12:50pm (TWS 2228) Dis

ARTT200 Three Dimensional Art Fundamentals; (3) REG/P-F/AUD. *Prerequisite: ARTT 100. Credit will be granted for only one of the following: ARTT 200, ARTS 200, DESN 102, or APDS 102. Formerly ARTS 200.*
0101 **(03818)** STAFF
TuTh 4:00pm-6:30pm (ASY 1314) Lab
0201 **(03819)** Sham, F.
TuTh 3:00pm-5:30pm (ASY 1311) Lab
0301 **(03820)** STAFF
MW 9:00am-11:30am (ASY 1311) Lab

ARTT210 Elements of Drawing II; (3) REG/P-F/AUD. *Prerequisite: ARTT 110. Formerly ARTS 210.*
0101 **(03830)** STAFF
MW 9:00am-11:30am (ASY 2317) Lab
0201 **(03831)** STAFF
MW 12:30pm-3:00pm (ASY 2315) Lab
0301 **(03832)** Richardson, W.
TuTh 12:30pm-3:00pm (ASY 2315) Lab

ARTT250 Elements of Design; (3) REG/P-F/AUD. *Prerequisites: ARTT 100 and ARTT 200.*
0101 **(03842)** Fabiano, F.
MW 9:00am-11:30am (MMH 0401) Lab

ARTT320 Elements of Painting; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 320.*
0101 **(03852)** Richardson, W.
TuTh 9:00am-11:30am (ASY 3322) Lab
0201 **(03853)** Craig, P.
TuTh 12:30pm-3:00pm (ASY 3312) Lab
0301 **(03854)** STAFF
MW 9:00am-11:30am (ASY 3312) Lab

ARTT330 Elements of Sculpture: Metal Casting; (3) REG/P-F. *Prerequisites: ARTT 200; and ARTT 210. Formerly ARTS 330.*
0101 **(03864)** Ruppert, J.
MW 12:30pm-3:00pm (ASY 1310) Lab

ARTT331 Elements of Sculpture: Steel; (3) REG/P-F. *Prerequisites: ARTT 200; and ARTT 210.*
0101 **(03874)** Ruppert, J.
MW 3:00pm-5:30pm (ASY 1310) Lab

ARTT332 Elements of Sculpture: Stone; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210. Formerly ARTT 335.*
0101 **(03884)** McCarty, J.
TuTh 12:30pm-3:00pm (ASY 1314) Lab

ARTT333 Elements of Sculpture: Wood and Mixed Media; (3) REG/P-F. *Prerequisites: ARTT 200; and ARTT 210.*
0101 **(03894)** Sham, F.
TuTh 12:30pm-3:00pm (ASY 1311) Lab

ARTT340 Elements of Printmaking: Intaglio; (3) REG/P-F. *Prerequisite: ARTT 210. Formerly ARTS 340.*
0101 **(03904)** Pogue, S.
MW 9:00am-11:30am (ASY 1317) Lab

ARTT341 Elements of Printmaking: Woodcut and Relief; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 341.*
0101 **(03914)** Forbes, J.
TuTh 12:30pm-3:00pm (ASY 1317)

ARTT342 Elements of Printmaking: Collagraphy; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 342.*
0101 **(03924)** Forbes, J.
TuTh 4:00pm-6:30pm (ASY 1317) Lab

ARTT344 Elements of Printmaking: Lithography; (3) REG/P-F. *Prerequisite: ARTT 210. Formerly ARTS 344.*
0101 **(03934)** Humphrey, M.
MW 12:30pm-3:00pm (ASY 1317) Lab

ARTT351 Elements of Graphic Design; (3) REG/P-F/AUD. *Prerequisite: ARTT 250.*
0101 **(03944)** Johnson, A.
MW 12:30pm-3:00pm (MMH 1413) Lab

ARTT354 Elements of Computer Graphics; (3) REG/P-F/AUD. *Prerequisites: (ARTT 100 and ARTT 110) or permission of department.*
0101 **(03954)** Ratnapala, N.
MW 12:30pm-3:00pm (ASY 3311E) Lab

ARTT386 ***(PermReq)*** **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ARTT418 Drawing; (3) REG/P-F/AUD. Repeatable for up to 12 credits.
0101 **(03982)** Humphrey, M.
MW 3:00pm-5:30pm (ASY 2315) Lab

ARTT418B Drawing; (3) REG/P-F/AUD.
0101 **(03992)** Craig, P.
TuTh 9:00am-11:30am (ASY 2315) Lab

ARTT418C Drawing: Works on Paper/Water Based Media; (3) REG/P-F/AUD.
0101 **(04002)** Lapinski, T.
TuTh 9:00am-11:30am (ASY 3304) Lab

ARTT428 Painting; (3) REG/P-F/AUD.
0201 **(04023)** STAFF
MW 9:00am-11:30am (ASY 3312) Lab
0301 **(04024)** Kehoe, P.
TuTh 3:00pm-5:30pm (ASY 3322) Lab

ARTT438A ***(PermReq)*** **Sculpture: Advanced Bronze Casting; (3)** REG/P-F/AUD.
0101 **(04034)** Ruppert, J.
MW 12:30pm-3:00pm (ASY 1314) Lab

ARTT438B Sculpture; (3) REG/P-F/AUD.
0101 **(04044)** McCarty, J.
TuTh 12:30pm-3:00pm (ASY 1314) Lab

ARTT438C ***(PermReq)*** **Sculpture: Advanced Steel Sculpture; (3)** REG/P-F/AUD.
0101 **(04054)** Ruppert, J.
MW 3:00pm-5:30pm (ASY 1314) Lab

ARTT438D ***(PermReq)*** **Sculpture: Advanced Wood/Mixed Media Construction; (3)** REG/P-F/AUD.
0101 **(04064)** Sham, F.
TuTh 12:30pm-3:00pm (ASY 1311) Lab

ARTT448A Printmaking: Advanced Intaglio, Relief and Monotype; (3) REG/P-F.
0101 **(04074)** Pogue, S.
MW 9:00am-11:30am (ASY 1317) Lab

ARTT448B Printmaking: Advanced Lithography; (3) REG/P-F/AUD.
0101 **(04084)** Humphrey, M.
MW 12:30pm-3:00pm (ASY 1317) Lab

ARTT448C Printmaking; (3) REG/P-F/AUD.
0101 **(04094)** Forbes, J.
TuTh 12:30pm-3:00pm (ASY 1317) Lab

ARTT448D Printmaking; (3) REG/P-F/AUD.
0101 **(04104)** Forbes, J.
TuTh 4:00pm-6:30pm (ASY 1317) Lab

ARTT458 Graphic Design and Illustration: Advanced Graphic Design and Illustration; (3) REG/P-F/AUD.
0101 **(04124)** Thorpe, J.
TuTh 9:00am-11:30am (MMH 1413) Lab

ARTT459 Three-Dimensional Design; (3) REG/P-F/AUD.
0101 **(04134)** Fabiano, F.
MW 12:30pm-3:00pm (MMH 0401) Lab

ARTT462 Artist's Survival Seminar; (3) REG/P-F/AUD. *Prerequisite: senior standing or permission of department.*
0101 **(04144)** Demonte, C.
Th 12:30pm-3:00pm (ASY 4306)

ARTT463 Principles and Theory: African-American Art; (3) REG/P-F/AUD. DIVERSITY *Not open to students who have completed ARTH 4~4. Formerly ARTH 4~4.*
0101 **(04154)** Driskell, D.
M 3:00pm-5:00pm (ASY 3215)

ARTT479W Computer Graphics: Digital Photography and Related Electronic Media; (3) REG/P-F/AUD. Prerequisite: ARTT 354 or permission of instructor. Digital photography. Electronic imaging. Emphasis on fine art.
0101 **(04174)** Jacobs, W.
TuTh 12:30pm-3:00pm (ASY 3311) Lab

ARTT489 ***(PermReq)*** **Advanced Special Topics in Art: Digital Strategies; (3)** REG/P-F/AUD.
0101 **(51791)** Ratnapala, N.
TuTh 9:30am-10:45am (CSS 1410)

ARTT498 ***(PermReq)*** **Directed Studies in Studio Art; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective.

ARTT689A Special Problems in Studio Art: Artists Survival Seminar; (3) REG/AUD.
0101 **(04203)** Demonte, C.
Th 12:30pm-3:00pm (ASY 4306)

ARTT698 ***(PermReq)*** **Directed Graduate Studies in Studio Art; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head.

ARTT798 ***(PermReq)*** **Directed Graduate Studies in Studio Art; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head.

ARTT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR Astronomy
(Computer, Mathematical and Physical Sciences)

ASTR100 Introduction to Astronomy; (3) REG/P-F/AUD. CORE: PS *Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* CORE Physical Science Non-Laboratory (PS) Course. CORE Physical Science Laboratory (PL) Course when taken concurrently with ASTR 111. USP Distributive Studies Area B Course. If ASTR 110 or ASTR 111 are taken at the same or at a later time, the combination may be counted as USP Area B lab science requirement. Discussion sections do not meet the first week. Attend lecture before coming to discussion section.
0101 **(04319)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
M 9:00am-9:50am (CSS 2400) Dis
0102 **(04320)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
Tu 12:30pm-1:20pm (CSS 2400) Dis
0103 **(04321)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
W 9:00am-9:50am (CSS 2400) Dis
0104 **(04322)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
Th 12:30pm-1:45pm (CSS 2400) Dis
0105 **(04323)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
F 9:00am-9:50am (CSS 2400) Dis
0106 **(04324)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
F 12:00pm-12:50pm (CSS 2400) Dis
0107 **(04325)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
F 1:00pm-1:50pm (CSS 2400) Dis
0201 **(04326)** Stone, J.
MWF 9:00am-9:50am (PHY 1412)
W 2:00pm-2:50pm (CSS 2400) Dis
0202 **(04327)** Stone, J.
MWF 9:00am-9:50am (PHY 1412)
M 1:00pm-1:50pm (CSS 2400) Dis
0203 **(04328)** Stone, J.
MWF 9:00am-9:50am (PHY 1412)
M 2:00pm-2:50pm (CSS 2400) Dis
0204 **(04329)** Stone, J.
MWF 9:00am-9:50am (PHY 1412)
W 10:00am-10:50am (CSS 2400) Dis
0205 **(04330)** Stone, J.
MWF 9:00am-9:50am (PHY 1412)
W 1:00pm-1:50pm (CSS 2400) Dis
0206 **(04331)** Stone, J.
MWF 9:00am-9:50am (PHY 1412)
F 10:00am-10:50am (CSS 2400) Dis
0301 **(04332)** Ostriker, E.
TuTh 2:00pm-3:15pm (CSS 1113)
W 11:00am-11:50am (CSS 1113) Dis

ASTR101 General Astronomy; (4) REG/P-F/AUD. CORE: PL *Credit for ASTR 101 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* Discussion sections do not meet the first week of classes. Attend lecture before coming to discussion section.
0101 **(04342)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 8:00am-10:00am (CSS 1109) Lab
Tu 3:30pm-4:20pm (CSS 2400) Dis
0102 **(04343)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 1:00pm-3:00pm (CSS 1109) Lab
Tu 3:30pm-4:20pm (CSS 2400) Dis
0103 **(04344)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 6:00pm-8:00pm (CSS 1109) Lab
W 12:00pm-12:50pm (CSS 2400) Dis
0104 **(04345)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Th 8:00am-10:00am (CSS 1109) Lab
W 12:00pm-12:50pm (CSS 2400) Dis
0105 **(04346)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Th 1:00pm-3:00pm (CSS 1109) Lab
W 3:00pm-3:50pm (CSS 2400) Dis
0106 **(04347)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Th 3:30pm-5:30pm (CSS 1109) Lab
W 3:00pm-3:50pm (CSS 2400) Dis
0107 **(04348)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Tu 8:00am-10:00am (CSS 1109) Lab
M 3:00pm-3:50pm (CSS 2400) Dis
0108 **(04349)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Tu 3:30pm-5:30pm (CSS 1109) Lab
M 3:00pm-3:50pm (CSS 2400) Dis

ASTR111 Observational Astronomy Laboratory; (1) REG/P-F/AUD. *Corequisite: ASTR 100.* Single evening laboratory projects plus semester-long observing projects involving work both in and out of class. Lunar surface features; the night-time sky; changing positions of sun, moon, and planets; stellar spectra; observation of stars and nebulae in our galaxy. CORE Physical Science Laboratory (PL) Course only when taken concurrently with ASTR 100. The first meetings of ASTR 111 will take place in the week of 1/26 in CSS 0201. Subsequent meetings will take place at the Observatory. Details of the transportation will be discussed at the first class meeting.
0101 **(04359)** Dinyes, W.
Tu 7:30pm-9:30pm (Arranged) Lab
0201 **(04360)** Dinyes, W.
W 7:30pm-9:30pm (Arranged) Lab

ASTR121 Introductory Astrophysics II - Stars and Beyond; (4) REG/P-F/AUD. CORE: PL *Prerequisites: MATH 115 and ASTR 120, or permission of department. Not open to students who have completed ASTR 200. Credit will be granted for only one of the following: ASTR 121 or ASTR 200.*
0101 **(04370)** Mundy, L.
TuTh 11:00am-12:15pm (CSS 1113)
M 2:00pm-4:00pm (CSS 1109) Lab

ASTR200 Introductory Astronomy and Astrophysics; (3) REG/P-F/AUD. CORE: PS *Prerequisite: PHYS 161 or PHYS 1~1. Credit will be granted for only one of the following: ASTR 100 or ASTR 200.*
0101 **(04380)** Earl, J.
MWF 9:00am-9:50am (CSS 0201)

ASTR220 Collisions in Space; (3) REG/P-F/AUD. CORE: PS *Not open to astronomy students.*
0101 **(04390)** Hamilton, D.
MWF 11:00am-11:50am (CSS 2400)

ASTR288 ***(PermReq)*** **Special Projects in Astronomy; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course.

ASTR300 Stars and Stellar Systems; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing.
0101 **(04416)** Rose, W.
TuTh 2:00pm-3:15pm (CSS 2400)

ASTR330 Solar-System Astronomy; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing.
0101 **(04426)** Kundu, M.
TuTh 11:00am-12:15pm (CSS 2400)

ASTR350 Astronomy and Astrophysics; (4) REG/P-F/AUD. *Prerequisites: ASTR 200 and (PHYS 2~2 or PHYS 262 or PHYS 142) or permission of department. Corequisite: PHYS 2~3 or PHYS 263.*
0101 **(04446)** Harrington, J.
TuTh 11:00am-12:15pm (CSS 2428)
W 10:00am-10:50am (CSS 2428) Dis

ASTR380 Life in the Universe; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing.
0101 **(04456)** Theison, D.
TuTh 12:30pm-1:45pm (CSS 1113)

ASTR399 Honors Seminar; (1-16) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ASTR410 Radio Astronomy Techniques; (3) REG/P-F/AUD. *Prerequisites: {PHYS 2~3 and PHYS 2~6} or {PHYS 263 and PHYS 263A} or permission of department.*
0101 **(04482)** Wilson, A.
TuTh 11:00am-12:15pm (CSS 0201)

ASTR420 Introduction to Galactic Research; (3) REG/P-F/AUD. *Prerequisite: PHYS 2~2 and ASTR 350 or equivalent or permission of department.*
0101 **(04492)** Veilleux, S.
TuTh 9:30am-10:45am (CSS 0201)

ASTR498 ***(PermReq)*** **Special Problems in Astronomy; (1-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. This course is open only to those who make prior arrangements with a member of the astronomy faculty.

ASTR605 Stellar Interiors and Evolution; (3) REG/AUD. *Prerequisite: PHYS 410, PHYS 422 or equivalent.*
0101 **(04518)** Bell, R.
WF 12:30pm-1:45pm (CSS 0201)

ASTR610 Astronomical Instrumentation and Techniques; (3) REG/AUD. *Prerequisite: PHYS 405 or permission of department.*
0101 **(04528)** A'Hearn, M.
TuTh 12:30pm-1:45pm (CSS 0201)

ASTR695 Introduction to Research; (1) S-F. *Repeatable to 2 credits if content differs.*
0101 **(04538)** A'Hearn, M.
Time and room to be arranged

ASTR699 ***(PermReq)*** **Special Problems in Advanced Astronomy; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR788 ***(PermReq)*** **Selected Topics in Modern Astronomy; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BCHM Biochemistry
(Life Sciences)

BCHM261 Elements of Biochemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 104 or CHEM 233 or CHEM 235. Not open to students who have completed BCHM 461.*
0101 **(04662)** Laney, J.
TuTh 8:00am-9:15am (CHM 0127)

BCHM461 Biochemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 24~.*
0101 **(04672)** Ebrahimian, S.
TuTh 8:00am-9:15am (CHM 1402)
0102 **(04673)** Kahn, J.
TuTh 9:30am-10:45am (CHM 1402)

BCHM462 Biochemistry II; (3) REG/P-F/AUD. *Prerequisite: BCHM 461.*
0101 **(04683)** Jollie, D.
TuTh 8:00am-9:15am (CHM 0115)
0102 **(04684)** Rokita, S.
TuTh 9:30am-10:45am (CHM 1407)

BCHM464 Biochemistry Laboratory; (3) REG/P-F/AUD. *Corequisite: BCHM 462. For BCHM and CHEM majors only.*
0101 **(04694)** Ebrahimian, S.
Tu 12:30pm-1:20pm (CHM 0115)
Th 1:00pm-6:00pm (CHM 2225) Lab
0102 **(04695)** Ebrahimian, S.
Tu 12:30pm-1:20pm (CHM 0115)
W 1:00pm-6:00pm (CHM 2225) Lab

BCHM465 Biochemistry III; (3) REG/P-F/AUD. CORE: CS *Prerequisite: BCHM 462.*
0101 **(04705)** Woodson, S.
TuTh 9:30am-10:45am (CHM 0128)

BCHM669A ***(PermReq)*** **Special Topics in Biochemistry: Perspectives in Biochemistry; (2)** REG/AUD.
0101 **(04715)** Julin, D.
Time and room to be arranged

BCHM669B Special Topics in Biochemistry: DNA Repair and Recombination; (3) REG/AUD.
0101 **(04725)** Julin, D.
MW 3:30pm-4:50pm (CHM 0124)

BCHM673 Regulation of Metabolism; (3) REG/AUD.
0101 **(04735)** Hansen, J.
TuTh 9:30am-10:45am (CHM 2201)

BCHM675 Biophysical Chemistry; (3) REG/AUD. *Prerequisites: BCHM 461 and CHEM 481.*
0101 **(04745)** Forbes, J.
TuTh 1:30pm-2:50pm (CHM 0115)

BCHM699 Special Problems in Biochemistry; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates.

BCHM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

BCHM898A Seminar: Biochemistry Seminar; (1) REG/AUD.
0101 **(04847)** STAFF
Tu 11:00am-11:50am (Arranged)

BCHM898D Seminar: Enzymology of Recombination; (1) REG/AUD. Contact instructor to make arrangements.
0101 **(04867)** Julin, D.
Time and room to be arranged

BCHM898E Seminar: Catalytic RNA; (1) REG/AUD.
0101 **(04877)** Woodson, S.
Time and room to be arranged

BCHM898F Seminar: Bacterial Spores; (1) REG/AUD. Contact instructor to make arrangements.
0101 **(04887)** Hansen, J.
Time and room to be arranged

BCHM898G Seminar: Enzymology; (1) REG/AUD. Contact instructor to make arrangements.
0101 **(04897)** Jollie, D.
Time and room to be arranged

BCHM898I Seminar: Motor Proteins; (1) REG/AUD.
0101 **(04907)** Forbes, J.
Time and room to be arranged

BCHM898J Seminar: Nucleic Acid Structure; (1-3) REG/AUD.
0101 **(04917)** Kahn, J.
Time and room to be arranged

BCHM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BIOL Biology (Life Sciences)

BIOL101 Concepts of Biology; (3) REG/P-F/AUD. CORE Life Sciences Lab (LL) Course only when taken concurrently with BIOL 102.
1101 **(05022)** Hellman, J.
MWF 12:00pm-12:50pm (HJP 0226)

BIOL102 Laboratory in Biology; (1) REG/P-F/AUD. *Pre- or corequisite: BIOL 101.* For non-science majors. CORE Life Sciences Lab (LL) Course only when taken concurrently with BIOL 101.
2016 **(05032)** Presson, J.
M 1:00pm-3:50pm (HJP 2103) Lab
2021 **(05033)** Presson, J.
Tu 8:00am-10:50am (HJP 2103) Lab
2024 **(05034)** Presson, J.
Tu 11:00am-1:50pm (HJP 2103) Lab
2027 **(05035)** Presson, J.
Tu 2:00pm-4:50pm (HJP 2103) Lab
2032 **(05036)** Presson, J.
W 9:00am-11:50am (HJP 2103) Lab
2036 **(05037)** Presson, J.
W 1:00pm-3:50pm (HJP 2103) Lab
Section 2036 is for Education majors only.
2038 **(05038)** Presson, J.
W 4:00pm-6:50pm (HJP 2103) Lab
2041 **(05039)** Presson, J.
Th 9:00am-11:50am (HJP 2103) Lab
2047 **(05040)** Presson, J.
Th 12:00pm-2:50pm (HJP 2103) Lab
2052 **(05041)** Presson, J.
F 9:00am-11:50am (HJP 2103) Lab

BIOL105 Principles of Biology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105.*
5123 **(05051)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
Tu 8:00am-10:50am (HJP 2104) Lab
5124 **(05052)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
Tu 8:00am-10:50am (HJP 1236) Lab
5125 **(05053)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
Tu 11:00am-1:50pm (HJP 1236) Lab
5126 **(05054)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
Tu 11:00am-1:50pm (HJP 2104) Lab
5128 **(05055)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
Tu 2:00pm-4:50pm (HJP 1236) Lab
5129 **(05056)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
Tu 2:00pm-4:50pm (HJP 2104) Lab
5131 **(05057)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
W 9:00am-11:50am (HJP 2104) Lab
5132 **(05058)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
W 9:00am-11:50am (HJP 1236) Lab
5136 **(05059)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
W 12:00pm-2:50pm (HJP 2104) Lab
5137 **(05060)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
W 12:00pm-2:50pm (HJP 1236) Lab
5141 **(05061)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
Th 8:00am-10:50am (HJP 1236) Lab
5143 **(05062)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
Th 11:00am-1:50pm (HJP 1236) Lab
5147 **(05063)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
Th 2:00pm-4:50pm (HJP 1236) Lab
5151 **(05064)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
F 9:00am-11:50am (HJP 1236) Lab
5214 **(05065)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 8:00am-10:50am (HJP 1235) Lab
5222 **(05066)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 8:00am-10:50am (HJP 1226) Lab
5225 **(05067)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 11:00am-1:50pm (HJP 1226) Lab
5226 **(05068)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 11:00am-1:50pm (HJP 1235) Lab
5227 **(05069)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 1226) Lab
5228 **(05070)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 1235) Lab
5231 **(05071)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 8:00am-10:50am (HJP 1226) Lab
5232 **(05072)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 8:00am-10:50am (HJP 1235) Lab
5233 **(05073)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 11:00am-1:50pm (HJP 1226) Lab
5234 **(05074)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
W 11:00am-1:50pm (HJP 1235) Lab
5241 **(05075)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 8:00am-10:50am (HJP 1226) Lab
5242 **(05076)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 8:00am-10:50am (HJP 1235) Lab
5243 **(05077)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 11:00am-1:50pm (HJP 1226) Lab
5244 **(05078)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 11:00am-1:50pm (HJP 1235) Lab
5245 **(05079)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 2:00pm-4:50pm (HJP 1226) Lab
5246 **(05080)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 2:00pm-4:50pm (HJP 1235) Lab
5251 **(05081)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
F 8:00am-10:50am (HJP 1226) Lab
5252 **(05082)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)
F 8:00am-10:50am (HJP 1235) Lab

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8101 **(*****)** Gross, P.
Tu 6:00pm-9:00pm (HJP 2242)
Th 6:00pm-9:00pm (HJP 1226) Lab

Section 8101 is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu

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BIOL105M Principles of Biology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105.* Prerequisite: BIOL 105 taken within twelve months of the semester in which BIOL 105 is taken. A student is eligible to take this course only if the lab scores received in BIOL 105 the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in BIOL 105M.
0101 **(05095)** Kent, B.
MWF 8:00am-8:50am (HJP 0226)
0102 **(05096)** Racusen, R.
MWF 2:00pm-2:50pm (ZOP 1240)

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8104 **(*****)** Gross, P.
Tu 6:00pm-9:00pm (HJP 0226)

Section 8104 is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu

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BIOL106 Principles of Biology II; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 105. For science majors.*
6116 **(05107)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
M 12:00pm-2:50pm (ZOP 0245) Lab
6117 **(05108)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
M 8:00am-10:50am (ZOP 0245) Lab
6123 **(05109)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
Tu 11:00am-1:50pm (ZOP 0245) Lab
6124 **(05110)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
Tu 11:00am-1:50pm (ZOP 0249) Lab
6126 **(05111)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
Tu 2:00pm-4:50pm (ZOP 0245) Lab
6127 **(05112)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
Tu 5:00pm-8:00pm (ZOP 0245) Lab
6128 **(05113)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
Tu 5:00pm-8:00pm (ZOP 0249) Lab
6131 **(05114)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
W 8:00am-10:50am (ZOP 0245) Lab
6134 **(05115)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
W 12:00pm-2:50pm (ZOP 0249) Lab
6136 **(05116)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
W 12:00pm-2:50pm (ZOP 0245) Lab
6137 **(05117)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
W 3:00pm-5:50pm (ZOP 0245) Lab
6139 **(05118)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
W 3:00pm-5:50pm (ZOP 0249) Lab
6141 **(05119)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
Th 8:00am-10:50am (ZOP 0249) Lab
6142 **(05120)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
Th 8:00am-10:50am (ZOP 0245) Lab
6156 **(05121)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
F 12:00pm-2:50pm (ZOP 0249) Lab
6210 **(05122)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
M 3:00pm-5:50pm (ZOP 0245) Lab
6221 **(05123)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Tu 8:00am-10:50am (ZOP 0249) Lab
6222 **(05124)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Tu 8:00am-10:50am (ZOP 0245) Lab
6227 **(05125)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Tu 2:00pm-4:50pm (ZOP 0249) Lab
6231 **(05126)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
W 8:00am-10:50am (ZOP 0249) Lab
6243 **(05127)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Th 11:00am-1:50pm (ZOP 0245) Lab
6244 **(05128)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Th 11:00am-1:50pm (ZOP 0249) Lab
6245 **(05129)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Th 2:00pm-4:50pm (ZOP 0245) Lab
6246 **(05130)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Th 2:00pm-4:50pm (ZOP 0249) Lab
6247 **(05131)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Th 5:00pm-7:50pm (ZOP 0249) Lab
6248 **(05132)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Th 5:00pm-7:50pm (ZOP 0245) Lab
6251 **(05133)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
F 8:00am-10:50am (ZOP 0245) Lab
6252 **(05134)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
F 8:00am-10:50am (ZOP 0249) Lab

BIOL106+ Principles of Biology II; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 105. For science majors.* Restricted to College Park Scholars - Life Sciences.
6126 **(05144)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
Tu 2:00pm-4:50pm (ZOP 0245) Lab
6131 **(05145)** Thorne, B.
MWF 11:00am-11:50am (ZOP 1240)
W 8:00am-10:50am (ZOP 0245) Lab
6210 **(05146)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
M 3:00pm-5:50pm (ZOP 0245) Lab
6221 **(05147)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Tu 8:00am-10:50am (ZOP 0249) Lab
6243 **(05148)** Via, S.
MWF 1:00pm-1:50pm (HJP 0226)
Th 11:00am-1:50pm (ZOP 0245) Lab

BIOL106H Principles of Biology II; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 105. For science majors.* For general honors students only.
0110 **(05158)** Wilkinson, G.
MWF 11:00am-11:50am (ZOP 1236)
M 12:00pm-2:50pm (ZOP 0249) Lab
0111 **(05159)** Wilkinson, G.
MWF 11:00am-11:50am (ZOP 1236)
M 3:00pm-5:50pm (ZOP 0249) Lab
0112 **(05160)** Wilkinson, G.
MWF 11:00am-11:50am (ZOP 1236)
M 8:00am-10:50am (ZOP 0249) Lab

BIOL222 Principles of Genetics; (4) REG/P-F/AUD. *Prerequisites: BIOL 105, one year college chemistry. Credit will be granted for only one of the following: ZOOL 213, HORT 274, or ANSC 201.*

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8101 **(*****)** Jack, L.
Th 6:00pm-9:00pm (SYM 0200)
Tu 6:00pm-8:00pm (PLS 1168) Dis

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8112 **(05172)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
M 11:00am-12:50pm (PLS 1168) Dis
8113 **(05173)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
M 1:00pm-2:50pm (PLS 1168) Dis
8114 **(05174)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
M 4:00pm-5:50pm (PLS 1168) Dis
8121 **(05175)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 8:00am-9:50am (PLS 1168) Dis
8122 **(05176)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 10:00am-11:50am (PLS 1168) Dis
8123 **(05177)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 12:00pm-1:50pm (PLS 1168) Dis
8124 **(05178)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 2:00pm-3:50pm (PLS 1168) Dis
8125 **(05179)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 2:00pm-3:50pm (PLS 1164) Dis
8131 **(05180)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
W 8:00am-9:50am (PLS 1168) Dis
8133 **(05181)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
W 11:00am-12:50pm (PLS 1168) Dis
8134 **(05182)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
W 1:00pm-2:50pm (PLS 1168) Dis
8135 **(05183)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
W 1:00pm-2:50pm (PLS 1176) Dis
8136 **(05184)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
W 4:00pm-5:50pm (PLS 1168) Dis
8141 **(05185)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 8:00am-9:50am (PLS 1164) Dis
8142 **(05186)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 10:00am-11:50am (PLS 1168) Dis
8143 **(05187)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 8:00am-9:50am (PLS 1168) Dis
8144 **(05188)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 2:00pm-3:50pm (PLS 1168) Dis
8145 **(05189)** Imberski, R.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 2:00pm-3:50pm (PLS 1164) Dis

BIOL258 Special Projects: Life Sciences; (1-3) REG/P-F/AUD. Restricted to College Park Scholars - Life Sciences. Must be approved by the Director.
8005 **(05199)** Hellman, J.
Time and room to be arranged
8006 **(05200)** Dudash, M.
Time and room to be arranged
8007 **(05201)** Wilkinson, G.
Time and room to be arranged
8008 **(05202)** Benson, S.
Time and room to be arranged
8009 **(05203)** Brauth, S.
Time and room to be arranged
8010 **(05204)** Eichhorn, B.
Time and room to be arranged

BIOL288 Field Experience: Field Experience - Belize; (2) REG/P-F/AUD.
8005 **(05214)** Hellman, J.
Time and room to be arranged

BIOM Biometrics (Agriculture and Natural Resources)

BIOM301 Introduction to Biometrics; (3) REG/P-F/AUD. *Prerequisite: MATH 115.*
0101 **(05264)** Russek-Cohen, E.
MW 12:00pm-12:50pm (ARM 0131)
Tu 1:00pm-1:50pm (JMP 3105) Dis
0102 **(05265)** Russek-Cohen, E.
MW 12:00pm-12:50pm (ARM 0131)
Tu 2:00pm-2:50pm (JMP 3105) Dis
0103 **(05266)** Russek-Cohen, E.
MW 12:00pm-12:50pm (ARM 0131)
Tu 5:00pm-5:50pm (ANS 0412) Dis
0104 **(05267)** Russek-Cohen, E.
MW 12:00pm-12:50pm (ARM 0131)
M 2:00pm-2:50pm (ZOP 1124) Dis
0105 **(05268)** Russek-Cohen, E.
MW 12:00pm-12:50pm (ARM 0131)
M 1:00pm-1:50pm (ZOP 1124) Dis
0106 **(05269)** Russek-Cohen, E.
MW 12:00pm-12:50pm (ARM 0131)
M 1:00pm-1:50pm (ZOP 1236) Dis
0107 **(05270)** Russek-Cohen, E.
MW 12:00pm-12:50pm (ARM 0131)
M 4:00pm-4:50pm (ZOP 1236) Dis
0108 **(05271)** Russek-Cohen, E.
MW 12:00pm-12:50pm (ARM 0131)
M 3:00pm-3:50pm (ZOP 1236) Dis

BIOM602 Biostatistics II; (4) REG/AUD. *Prerequisite: BIOM 401. Also offered as AGRO 804.*
0101 **(05281)** Douglass, L.
TuTh 2:00pm-3:15pm (ANS 0408)
Tu 3:30pm-5:30pm (ANS 0473) Lab
For section 0101, emphasis is on human and animal studies.
0102 **(05282)** Douglass, L.
TuTh 2:00pm-3:15pm (ANS 0408)
Th 9:00am-11:00am (ANS 0473) Lab
For section 0102, emphasis is on analysis of field plot studies
0103 **(05283)** Douglass, L.
TuTh 2:00pm-3:15pm (ANS 0408)
Th 11:00am-1:00pm (ANS 0473) Lab
For section 0103, emphasis is on analysis of field studies

BIOM688A *(PermReq)* **Topics in Biometrics: Consulting Experience in Biometrics; (1)** REG/AUD.
0101 **(05293)** Douglass, L.
Time and room to be arranged

BIOM688I Topics in Biometrics: Spatial Data Models; (1) REG/AUD.
0101 **(05303)** Russek-Cohen, E.
W 3:00pm-3:50pm (ANS 0402)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

BMGT Business and Management
(Business and Management)

BMGT110 Introduction to Business and Management; (3) REG/P-F/AUD. *Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.*
0101 **(05353)** Lesser, L.
TuTh 3:30pm-4:45pm (VMH 1212)

BMGT201 Introduction to Business Computing; (3) REG. *For BMGT majors only. Not open to students who have completed BMGT 301 prior to Fall 199*.*
0101 **(05354)** Chaires, J.
TuTh 11:00am-12:15pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1207) Lab
0102 **(05355)** Chaires, J.
TuTh 11:00am-12:15pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1202) Lab
0103 **(05356)** Chaires, J.
TuTh 11:00am-12:15pm (VMH 1212)
F 2:00pm-2:50pm (VMH 1307) Lab
0104 **(05357)** Chaires, J.
TuTh 11:00am-12:15pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1307) Lab
0105 **(05358)** Chaires, J.
TuTh 11:00am-12:15pm (VMH 1212)
F 4:00pm-4:50pm (VMH 1307) Lab
0201 **(05359)** Spear, R.
MW 3:30pm-4:45pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1207) Lab
0202 **(05360)** Spear, R.
MW 3:30pm-4:45pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1202) Lab
0203 **(05361)** Spear, R.
MW 3:30pm-4:45pm (VMH 1212)
F 2:00pm-2:50pm (VMH 1307) Lab
0204 **(05362)** Spear, R.
MW 3:30pm-4:45pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1307) Lab
0205 **(07393)** Spear, R.
MW 3:30pm-4:45pm (VMH 1212)
F 4:00pm-4:50pm (VMH 1307) Lab

BMGT220 Principles of Accounting I; (3) REG. *Sophomore standing.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05363)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 8:00am-8:50am (VMH 1206) Dis
0102 **(05364)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 9:00am-9:50am (TYD 2108) Dis
0103 **(05365)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1206) Dis
0104 **(05366)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 10:00am-10:50am (VMH 1207) Dis
0105 **(05367)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 10:00am-10:50am (VMH 1206) Dis
0106 **(05368)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 11:00am-11:50am (TYD 2108) Dis
0107 **(05369)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2108) Dis
0108 **(05370)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2108) Dis
0109 **(05371)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 2:00pm-2:50pm (TYD 2108) Dis
0110 **(05372)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 3:00pm-3:50pm (TYD 2108) Dis
0111 **(05373)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 11:00am-11:50am (VMH 1206) Dis
0112 **(05374)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 12:00pm-12:50pm (TYD 1132) Dis
0201 **(05375)** Leung, K.
MW 8:00am-9:15am (TYD 0117)
F 8:00am-8:50am (TYD 2106) Dis
0202 **(05376)** Leung, K.
MW 8:00am-9:15am (TYD 0117)
F 12:00pm-12:50pm (TYD 2106) Dis
0203 **(05377)** Leung, K.
MW 8:00am-9:15am (TYD 0117)
F 1:00pm-1:50pm (TYD 2106) Dis

BMGT221 Principles of Accounting II; (3) REG. *Prerequisite: BMGT 220.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05387)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 8:00am-8:50am (TYD 1118) Dis
0102 **(05388)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 9:00am-9:50am (TYD 1118) Dis
0103 **(05389)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 10:00am-10:50am (TYD 1118) Dis
0104 **(05390)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 11:00am-11:50am (TYD 1118) Dis
0105 **(05391)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 1118) Dis
0106 **(05392)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 1118) Dis
0107 **(05393)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 1118) Dis
0108 **(05394)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 1118) Dis
0201 **(05395)** Rymer, V.
MW 2:00pm-3:15pm (TYD 0130)
F 8:00am-8:50am (TYD 2102) Dis
0202 **(05396)** Rymer, V.
MW 2:00pm-3:15pm (TYD 0130)
F 9:00am-9:50am (TYD 2102) Dis
0203 **(05397)** Rymer, V.
MW 2:00pm-3:15pm (TYD 0130)
F 10:00am-10:50am (TYD 2102) Dis
0204 **(05398)** Rymer, V.
MW 2:00pm-3:15pm (TYD 0130)
F 11:00am-11:50am (TYD 2102) Dis
0205 **(05399)** Rymer, V.
MW 2:00pm-3:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2102) Dis
0206 **(05400)** Rymer, V.
MW 2:00pm-3:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2102) Dis
0207 **(05401)** Rymer, V.
MW 2:00pm-3:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 2102) Dis
0208 **(05402)** Rymer, V.
MW 2:00pm-3:15pm (TYD 0130)
F 3:00pm-3:50pm (VMH 1206) Dis

BMGT230 Business Statistics; (3) REG. *Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* Where a BMGT exam conflicts with a regularly scheduled class, the student will be provided with a makeup exam.
0101 **(05412)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 8:00am-8:50am (TYD 2109) Dis
0102 **(05413)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 9:00am-9:50am (TYD 2109) Dis
0103 **(05414)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 10:00am-10:50am (TYD 2109) Dis
0104 **(05415)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 11:00am-11:50am (TYD 2109) Dis
0105 **(05416)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 11:00am-11:50am (TYD 0117) Dis
0106 **(05417)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 12:00pm-12:50pm (TYD 2109) Dis
0201 **(05418)** Fromovitz, S.
TuTh 8:00am-9:15am (VMH 1202)
0301 **(05419)** Fromovitz, S.
MW 8:00am-9:15am (VMH 1202)
0401 **(05420)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 8:00am-8:50am (TYD 0111) Dis
0402 **(05421)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 9:00am-9:50am (TYD 0117) Dis
0403 **(05422)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 10:00am-10:50am (TYD 0117) Dis
0404 **(05423)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 1:00pm-1:50pm (TYD 2109) Dis
0405 **(05424)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 2:00pm-2:50pm (TYD 2109) Dis
0406 **(05425)** Webster, D.
TuTh 9:30am-10:45am (SHM 2101)
F 3:00pm-3:50pm (TYD 2109) Dis

BMGT231 Statistical Models For Business; (3) REG. *Prerequisite: MATH 141 or permission of department Required for management science and statistics and decision and information sciences majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400.*
0101 **(05435)** Nichols, L.
TuTh 9:30am-10:45am (Arranged)
F 1:00pm-1:50pm (VMH 1203) Dis
0201 **(05436)** Widhelm, W.
TuTh 12:30pm-1:45pm (TYD 0117)
F 2:00pm-2:50pm (VMH 1202) Dis

BMGT290H Methods for Measuring Quality; (3) REG. *Prerequisite: BMGT 190 or ENES 190. Also offered as ENES 380.* For total quality students only.
0101 **(05446)** Alt, F.
MW 5:00pm-6:15pm (VMH 2203)

BMGT302 Business Computer Application Programming; (3) REG. *Prerequisite: BMGT 201 or CMSC 102 or CMSC 103 or permission of department. Not open to computer science students. For BMGT majors only.* This course is restricted to BMGT majors and students with major code 08380 with 68 semester hours completed. All others must have authorization.
0101 **(05456)** Venkatesh, V.
TuTh 8:00am-9:15am (VMH 1207)
0201 **(05457)** Venkatesh, V.
TuTh 9:30am-10:45am (VMH 1207)

BMGT305 Survey of Business Information Systems and Technology; (3) REG. *For decision and information science majors only. Not open to computer science students. 53 semester hours.*
0101 **(05467)** Geter, R.
MW 2:00pm-3:15pm (VMH 1311)

BMGT310 Intermediate Accounting I; (3) REG. *Prerequisite: BMGT 221.* This course is restricted to accounting and finance majors with 53 hours completed. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05496)** Park, T.
TuTh 9:30am-10:45am (TYD 2108)
0201 **(05497)** Park, T.
TuTh 12:30pm-1:45pm (TYD 1114)
0301 **(05498)** Peters, M.
MW 11:00am-12:15pm (TYD 2102)
0401 **(05499)** Peters, M.
MW 2:00pm-3:15pm (TYD 2108)

BMGT311 Intermediate Accounting II; (3) REG. *Prerequisite: BMGT 310.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This course is restricted to accounting majors with 65 semester hours completed. All others must have authorization.
0101 **(05509)** Kim, O.
MW 3:30pm-4:45pm (TYD 1108)
0201 **(05510)** Shaw, K.
TuTh 9:30am-10:45am (TYD 2109)
0301 **(05511)** Shaw, K.
TuTh 11:00am-12:15pm (TYD 2109)
0401 **(05512)** Fettus, S.
MW 12:30pm-1:45pm (TYD 2108)
0501 **(05513)** Fettus, S.
MW 2:00pm-3:15pm (TYD 0117)
0601 **(05514)** Kim, O.
MW 2:00pm-3:15pm (TYD 1108)

BMGT321 Cost Accounting; (3) REG. *Prerequisite: BMGT 221.* This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization.
0101 **(05524)** Bedingfield, J.
TuTh 11:00am-12:15pm (VMH 1207)
0201 **(05525)** Bedingfield, J.
TuTh 12:30pm-1:45pm (VMH 1207)
0301 **(05526)** Loeb, M.
MW 11:00am-12:15pm (VMH 1203)
0401 **(05527)** Loeb, M.
MW 12:30pm-1:45pm (VMH 1203)

BMGT323 Income Tax Accounting; (3) REG. *Prerequisite: BMGT 221.* This course is restricted to accounting majors with 53 semester hours completed. All others must have authorization.
0101 **(05537)** Pantalone, V.
TuTh 2:00pm-3:15pm (TYD 2106)
0201 **(05538)** Pantalone, V.
TuTh 3:30pm-4:45pm (TYD 2109)
0301 **(05539)** Pfeiffer, G.
TuTh 9:30am-10:45am (TYD 2106)
0401 **(05540)** Pfeiffer, G.
TuTh 11:00am-12:15pm (TYD 2106)

BMGT326 Accounting Systems; (3) REG. *Prerequisites: BMGT 301; and BMGT 321.* This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization.
0101 **(05550)** Rose, S.
MW 9:30am-10:45am (VMH 2203)
0201 **(05551)** Rose, S.
MW 12:30pm-1:45pm (VMH 2203)

BMGT332 Operations Research For Management Decisions; (3) REG. *Prerequisite: BMGT 230.* This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization.
0101 **(05561)** Beirjandi, H.
TuTh 11:00am-12:15pm (ARC 1105)
0201 **(05562)** Trichur, V.
TuTh 12:30pm-1:45pm (LEF 1222)

BMGT340 Business Finance; (3) REG. *Prerequisites: BMGT 221; and {BMGT 230 or BMGT 231}.* This course is restricted to BMGT majors and students with major code 0111C with 53 semester hours completed. All others must have authorization.
0101 **(05573)** Draper, F.
MW 12:30pm-1:45pm (VMH 1212)
F 8:00am-8:50am (VMH 1203) Dis
0102 **(05574)** Draper, F.
MW 12:30pm-1:45pm (VMH 1212)
F 9:00am-9:50am (VMH 1203) Dis
0103 **(05575)** Draper, F.
MW 12:30pm-1:45pm (VMH 1212)
F 10:00am-10:50am (VMH 1203) Dis
0104 **(05576)** Draper, F.
MW 12:30pm-1:45pm (VMH 1212)
F 11:00am-11:50am (VMH 1203) Dis
0105 **(05577)** Draper, F.
MW 12:30pm-1:45pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1203) Dis
0106 **(05578)** Draper, F.
MW 12:30pm-1:45pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1203) Dis
0201 **(05579)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 8:00am-8:50am (VMH 1202) Dis
0202 **(05580)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 9:00am-9:50am (VMH 1202) Dis
0203 **(05581)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 10:00am-10:50am (VMH 1202) Dis
0204 **(05582)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 11:00am-11:50am (VMH 1202) Dis
0205 **(05583)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1202) Dis
0206 **(05584)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1202) Dis
0301 **(05585)** Draper, F.
M 7:00pm-9:40pm (TYD 2102)

BMGT340H Business Finance; (3) REG. *Prerequisites: BMGT 221; and {BMGT 230 or BMGT 231}.* For BMGT honors students only.
0101 **(05595)** Maksimovic, V.
TuTh 2:00pm-3:15pm (Arranged)

BMGT343 Investments; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization.
0101 **(05605)** Agoro-Menyang, S.
MW 12:30pm-1:45pm (VMH 1311)
0201 **(05606)** Agoro-Menyang, S.
MW 3:30pm-4:45pm (VMH 1207)
0301 **(05607)** Polakoff, M.
TuTh 12:30pm-1:45pm (TYD 1108)
0401 **(05608)** Polakoff, M.
TuTh 5:00pm-6:15pm (TYD 1108)

BMGT350 Marketing Principles and Organization; (3) REG. *Prerequisite: ECON 203 or ECON 205.* This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0111C, 0601A, 0601F, 0602A, 0602F, 0803C, 0838O, 1102B, 1103B, 1105B, 1106B, 1107B, 1108B, 1303A, 1303B, 1303C, 1303E and 1304A must have 70 semester hours completed. All others must have authorization.
0101 **(05618)** Zaleski, D.
TuTh 12:30pm-1:45pm (VMH 1212)
F 8:00am-8:50am (VMH 1311) Dis
0102 **(05619)** Zaleski, D.
TuTh 12:30pm-1:45pm (VMH 1212)
F 9:00am-9:50am (VMH 1311) Dis
0103 **(05620)** Zaleski, D.
TuTh 12:30pm-1:45pm (VMH 1212)
F 10:00am-10:50am (VMH 1311) Dis
0104 **(05621)** Zaleski, D.
TuTh 12:30pm-1:45pm (VMH 1212)
F 11:00am-11:50am (VMH 1311) Dis
0105 **(05622)** Zaleski, D.
TuTh 12:30pm-1:45pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1311) Dis
0106 **(05623)** Zaleski, D.
TuTh 12:30pm-1:45pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1311) Dis
0201 **(05624)** Zaleski, D.
TuTh 2:00pm-3:15pm (VMH 1212)
F 8:00am-8:50am (VMH 1207) Dis
0202 **(05625)** Zaleski, D.
TuTh 2:00pm-3:15pm (VMH 1212)
F 9:00am-9:50am (VMH 1207) Dis
0203 **(05626)** Zaleski, D.
TuTh 2:00pm-3:15pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1207) Dis
0204 **(05627)** Zaleski, D.
TuTh 2:00pm-3:15pm (VMH 1212)
F 2:00pm-2:50pm (VMH 1207) Dis
0205 **(05628)** Zaleski, D.
TuTh 2:00pm-3:15pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1311) Dis
0206 **(05629)** Zaleski, D.
TuTh 2:00pm-3:15pm (VMH 1212)
F 4:00pm-4:50pm (VMH 1311) Dis

BMGT353 Retail Management; (3) REG. *Prerequisites: BMGT 220; and BMGT 350.* This course is restricted to business majors and secondary education- marketing majors only (code 0803C with 68 semester hours completed). All others must have authorization.
0101 **(05639)** Dorsett, A.
MW 9:30am-10:45am (TYD 0117)
0201 **(05640)** Wagner, J.
MW 12:30pm-1:45pm (TYD 0117)

BMGT354 Promotion Management; (3) REG. *Prerequisite: BMGT 350.* This course is restricted to BMGT majors and students with major codes 0803C, 0601A, 0601F, 0602A, 0602F, 1303B, 1303E and 1304A with 60 semester hours completed. All others must have authorization.
0101 **(05650)** Whitney, D.
TuTh 12:30pm-1:45pm (TYD 1118)
0201 **(05651)** Whitney, D.
TuTh 2:00pm-3:15pm (TYD 1118)

BMGT360 Human Resource Management; (3) REG. This course is open to all students with 53 semester hours completed.
0101 **(05662)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 8:00am-8:50am (VMH 1314) Lab
0102 **(05663)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 9:00am-9:50am (VMH 1314) Lab
0103 **(05664)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 10:00am-10:50am (VMH 1314) Lab
0104 **(05665)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 11:00am-11:50am (VMH 1314) Lab
0105 **(05666)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 12:00pm-12:50pm (VMH 1314) Lab
0106 **(05667)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 1:00pm-1:50pm (VMH 1314) Lab

BMGT362 Labor Relations; (3) REG. This course is restricted to BMGT majors and students with major codes 0839A, 1307A and 1307B with 60 semester hours completed. All others must have authorization.
0101 **(05677)** Levine, M.
TuTh 9:30am-10:45am (VMH 1311)

BMGT364 Management and Organization Theory; (3) REG. This course is restricted to BMGT majors and students with major codes 01110, 0111C, 01130, 1102B, 1103B, 1105B, 1106B, 1107B, 1108B, 1303B, 1303E, 1304A, and 1307 with 53 semester hours completed. All others must have authorization.
0101 **(05688)** Bartol, K.
MW 9:30am-10:45am (VMH 1212)
F 8:00am-8:50am (VMH 1307) Lab
0102 **(05689)** Bartol, K.
MW 9:30am-10:45am (VMH 1212)
F 9:00am-9:50am (VMH 1307) Lab
0103 **(05690)** Bartol, K.
MW 9:30am-10:45am (VMH 1212)
F 10:00am-10:50am (VMH 1307) Lab
0104 **(05691)** Bartol, K.
MW 9:30am-10:45am (VMH 1212)
F 11:00am-11:50am (VMH 1307) Lab
0105 **(05692)** Bartol, K.
MW 9:30am-10:45am (VMH 1212)
F 12:00pm-12:50pm (VMH 1307) Lab
0106 **(05693)** Bartol, K.
MW 9:30am-10:45am (VMH 1212)
F 1:00pm-1:50pm (VMH 1307) Lab
0201 **(05694)** Bartol, K.
MW 11:00am-12:15pm (VMH 1212)
F 8:00am-8:50am (VMH 1303) Lab
0202 **(05695)** Bartol, K.
MW 11:00am-12:15pm (VMH 1212)
F 9:00am-9:50am (VMH 1303) Lab
0203 **(05696)** Bartol, K.
MW 11:00am-12:15pm (VMH 1212)
F 10:00am-10:50am (VMH 1303) Lab
0204 **(05697)** Bartol, K.
MW 11:00am-12:15pm (VMH 1212)
F 11:00am-11:50am (VMH 1303) Lab
0205 **(05698)** Bartol, K.
MW 11:00am-12:15pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1303) Lab
0206 **(05699)** Bartol, K.
MW 11:00am-12:15pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1303) Lab

BMGT370 Introduction to Transportation Management; (3) REG. *Prerequisite: ECON 203; or ECON 205.* This course is open to all students with 53 semester hours completed.
0101 **(05709)** Quasney, T.
MW 9:30am-10:45am (TYD 2108)
0201 **(05710)** Quasney, T.
MW 11:00am-12:15pm (TYD 2108)
0301 **(05711)** Mulvey, F.
TuTh 8:00am-9:15am (TYD 1108)

BMGT372 Introduction to Logistics Management; (3) REG. This course is restricted to BMGT majors and students with major codes 1102B, 1103B, 1105B, 1106B, 1107B, 1108B with 53 semester hours completed. All others must have authorization.
0101 **(05721)** Gardner, L.
TuTh 8:00am-9:15am (VMH 1203)
0201 **(05722)** Knemeyer, A.
MW 3:30pm-4:45pm (TYD 2106)
0301 **(05723)** Dresner, M.
MW 2:00pm-3:15pm (TYD 2102)

BMGT380 Business Law I; (3) REG. This course is restricted to BMGT majors and students with major codes 0111C, 0803C, 0803H, 08380, 1102B, 1103B, 1106B, 1107B, and 1108B with 53 semester hours completed. others must have authorization.
0101 **(05733)** Goldman, B.
MW 8:00am-9:15am (VMH 1212)
0201 **(05734)** McClenahan, W.
TuTh 9:30am-10:45am (EDU 4233)
0301 **(05735)** Needham, J.
TuTh 12:30pm-1:45pm (TYD 2109)
0401 **(05736)** Needham, J.
TuTh 2:00pm-3:15pm (TYD 2109)

BMGT380H *(PermReq)* **Business Law I; (3)** REG. For BMGT honors students only.
0101 **(05746)** McClenahan, W.
TuTh 11:00am-12:15pm (VMH 1203)

BMGT381 Business Law II; (3) REG. *Prerequisite: BMGT 380 or permission of department.* This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization.
0101 **(05756)** Needham, J.
TuTh 9:30am-10:45am (VMH 1212)

BMGT385 Production Management; (3) REG. This course is restricted to BMGT majors and students with major code 0839A and 0111C with 53 semester hours completed. All others must have authorization.
0101 **(05766)** Kaku, B.
TuTh 5:00pm-6:15pm (VMH 1202)
F 9:00am-9:50am (TYD 2111) Dis

BMGT392 Introduction to International Business Management; (3) REG. *Prerequisite: ECON 203; or ECON 205.* Restricted to BMGT majors and students with major codes 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have authorization.
0101 **(05776)** Carter, C.
TuTh 8:00am-9:15am (VMH 1311)
0201 **(05777)** Carter, C.
TuTh 12:30pm-1:45pm (VMH 1311)

BMGT398 *(PermReq)* **Individual Study in Business and Management; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

BMGT398T *(PermReq)* **Individual Study in Business and Management: Experiential Learning International Business Internship; (3)** REG.
0101 **(05863)** Grimm, C.
Time and room to be arranged

BMGT402 Database Systems; (3) REG. *Prerequisite: BMGT 305 or equivalent.* This course is restricted to BMGT majors with 72 semester hours completed.
0101 **(05864)** Yi, M.
MW 5:00pm-6:15pm (VMH 1307)

BMGT403 Systems Analysis and Design; (3) REG. *Prerequisite: BMGT 305 or equivalent.* Restricted to BMGT majors with 72 hours completed.
0101 **(05873)** Yi, M.
MW 11:00am-12:15pm (VMH 1307)

BMGT404 Seminar in Decision Support Systems; (3) REG. *Prerequisite: BMGT 305 or equivalent.*
0101 **(05875)** Davis, F.
Tu 12:30pm-3:15pm (VMH 4439)

BMGT405 Business Telecommunications; (3) REG. *Prerequisite: BMGT 305 or equivalent.* Restricted to BMGT majors with 72 semester hours completed. All others must have authorization. This course is offered in spring semester only.
0101 **(05883)** Faraj, S.
MW 11:00am-12:15pm (VMH 2203)
0201 **(05884)** Venkatesh, V.
Tu 2:00pm-4:40pm (VMH 2203)

BMGT407 Info Systems Projects; (3) REG. *Prerequisite: 12 hours of information systems. For decision and information sciences majors only. Senior standing.* All others must have authorization.
0101 **(05893)** Spear, R.
MW 11:00am-12:15pm (VMH 1311)
0102 **(05894)** Spear, R.
MW 12:30pm-1:45pm (VMH 1206)

BMGT411 Ethics and Professionalism in Accounting; (3) REG. *Prerequisite: BMGT 311. For accounting majors only. Senior standing.*
0101 **(05903)** Webb, N.
TuTh 11:00am-12:15pm (TYD 2102)
0201 **(05904)** Loeb, S.
MW 3:30pm-4:45pm (VMH 1314)

BMGT417 Advanced Tax Accounting; (3) REG. *Prerequisites: BMGT 311; and BMGT 323.* This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization.
0101 **(05914)** Pantalone, V.
TuTh 9:30am-10:45am (TYD 1118)
0201 **(05915)** Pantalone, V.
TuTh 11:00am-12:15pm (TYD 1118)

BMGT422 Auditing Theory and Practice; (3) REG. *Prerequisite: BMGT 311.* This course is restricted to accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05925)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 1118)
0201 **(05926)** Pfeiffer, G.
MW 9:30am-10:45am (TYD 1118)
0301 **(05927)** Webb, N.
TuTh 3:30pm-4:45pm (TYD 2102)
0401 **(05928)** Webb, N.
TuTh 2:00pm-3:15pm (TYD 2102)

BMGT424 Advanced Accounting; (3) REG. *Prerequisite: BMGT 311.* This course is restricted to accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05938)** Leung, K.
MW 2:00pm-3:15pm (TYD 1118)
0201 **(05939)** Rymer, V.
MW 11:00am-12:15pm (TYD 2109)
0301 **(05940)** Rymer, V.
MW 9:30am-10:45am (TYD 2109)

BMGT430 Linear Statistical Models in Business; (3) REG. *Prerequisite: BMGT 230 or BMGT 231 or permission of department.* This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization.
0101 **(05950)** Coy, S.
TuTh 12:30pm-1:45pm (VMH 1307)
F 11:00am-11:50am (VMH 1207) Dis

BMGT434 Introduction to Optimization Theory; (3) REG. *Prerequisite: MATH 220; or permission of department.* This course is restricted to BMGT majors with 72 semester hours completed.
0101 **(05960)** Chen, C.
TuTh 12:30pm-1:45pm (TYD 2102)

BMGT435 Introduction to Applied Probability Models; (3) REG. *Prerequisite: BMGT 231 or permission of department.* This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization.
0101 **(05970)** Assad, A.
TuTh 11:00am-12:15pm (TYD 0101)
F 4:00pm-4:50pm (VMH 1303) Dis

BMGT440 Financial Management; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization.
0101 **(05980)** Jiang, B.
TuTh 9:30am-10:45am (TYD 1108)
0201 **(05981)** Maksimovic, V.
TuTh 11:00am-12:15pm (VMH 1314)
0301 **(05982)** Riddick, L.
MW 2:00pm-3:15pm (TYD 2109)
0401 **(05983)** Riddick, L.
MW 3:30pm-4:45pm (TYD 2109)

BMGT443 Security Analysis and Valuation; (3) REG. *Prerequisite: BMGT 343.* This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization.
0101 **(05993)** Haslem, J.
TuTh 12:30pm-1:45pm (VMH 1203)
0201 **(05994)** Haslem, J.
TuTh 2:00pm-3:15pm (VMH 1203)
0301 **(05995)** Berkowitz, S.
M 4:00pm-6:40pm (VMH 1203)

BMGT444 Futures Contracts and Options; (3) REG. *Prerequisite: BMGT 343.* This course is restricted to finance majors with 84 semester hours completed. All others must have authorization.
0101 **(06004)** Schrenk, L.
MW 9:30am-10:45am (TYD 0111)
0201 **(06005)** Schrenk, L.
MW 11:00am-12:15pm (TYD 0101)

BMGT445 Commercial Bank Management; (3) REG. *Prerequisites: BMGT 340; and ECON 430.* This course is restricted to finance majors with 84 semester hours completed. All others must have authorization.
0101 **(06015)** Whited, T.
Th 6:30pm-9:10pm (VMH 1311)
0201 **(06016)** Whited, T.
TuTh 2:00pm-3:15pm (SQH 2117)
0301 **(06017)** Malmquist, D.
Tu 7:00pm-9:40pm (TYD 2102)

BMGT446 International Finance; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to finance and general business (international option) majors with 72 semester hours completed. All others must have authorization.
0101 **(06026)** Tadesse, S.
TuTh 3:30pm-4:45pm (TYD 1118)
0201 **(06027)** Draper, F.
MW 11:00am-12:15pm (ARC 1101)
0301 **(06028)** Rhee, M.
W 7:00pm-9:40pm (TYD 1132)
0401 **(06029)** Tadesse, S.
TuTh 5:00pm-6:15pm (TYD 1118)

BMGT451 Consumer Analysis; (3) REG. *Prerequisite: BMGT 350. Recommended: PSYC 100; and PSYC 221. Not open to students who have completed CNEC 43~. Credit will be granted for only one of the following: BMGT 451 or CNEC 43~.* This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 68 hours completed. All others must have authorization.
0101 **(06039)** Tuerk, J.
MW 11:00am-12:15pm (TYD 0117)
0201 **(06040)** Rosenstrauch, E.
TuTh 9:30am-10:45am (ARC 1101)
0301 **(06041)** STAFF
MW 12:30pm-1:45pm (TYD 2106)

BMGT452 Marketing Research Methods; (3) REG. *Prerequisites: BMGT 230; and BMGT 451. Formerly BMGT 450.* Restricted to marketing majors with 72 semester hours completed.
0101 **(06051)** Zaleski, D.
TuTh 9:30am-10:45am (VMH 1203)
0201 **(06052)** Chuchinprakarn, N.
MW 2:00pm-3:15pm (VMH 1307)
0301 **(06053)** Chuchinprakarn, N.
MW 9:30am-10:45am (VMH 1203)
0401 **(06054)** Knemeyer, A.
MW 3:30pm-4:45pm (TYD 1118)

BMGT453 Industrial Marketing; (3) REG. *Prerequisites: BMGT 350 plus one other marketing course.* Restricted to marketing majors with 72 semester hours completed.
0101 **(06063)** Knemeyer, A.
MW 9:30am-10:45am (VMH 1311)

BMGT454 International Marketing; (3) REG. *Prerequisites: BMGT 350 plus one other marketing course.* This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization.
0101 **(06074)** STAFF
MW 2:00pm-3:15pm (TYD 2106)
0201 **(06075)** Greer, T.
TuTh 12:30pm-1:45pm (VMH 1202)

BMGT456 Advertising; (3) REG. *Prerequisite: BMGT 350.* This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, and 1304A with 60 semester hours completed. All others must have authorization.
0101 **(06085)** Modi, A.
TuTh 12:30pm-1:45pm (TYD 2108)
0201 **(06086)** Tuerk, J.
MW 2:00pm-3:15pm (VMH 1303)

BMGT457 Marketing Policies and Strategies; (3) REG. CORE: CS *Prerequisite: BMGT 451. Corequisite: BMGT 452.* This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization.
0101 **(06096)** Lefkoff-Hagius, R.
MW 9:30am-10:45am (VMH 1307)
0201 **(06097)** Lefkoff-Hagius, R.
MW 12:30pm-1:45pm (VMH 1303)
0301 **(06098)** Lefkoff-Hagius, R.
MW 2:00pm-3:15pm (SQH 1121)
0401 **(06099)** Dorsett, A.
TuTh 11:00am-12:15pm (VMH 1311)
0501 **(06100)** STAFF
MW 2:00pm-3:15pm (ASY 3207)

BMGT461 Entrepreneurship; (3) REG. This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization.
0101 **(06109)** Robertson, J.
Th 3:30pm-6:10pm (TYD 0111)

BMGT462 Employment Law for Business; (3) REG. *Restricted to BMGT majors with ~2 hours completed.*
0101 **(06119)** Kovach, K.
TuTh 3:30pm-4:45pm (VMH 1311)

BMGT464 Organizational Behavior; (3) REG. *Prerequisite: BMGT 364.* This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization. This course offered in spring semester only.
0101 **(06129)** Locke, E.
M 3:30pm-6:10pm (VMH 1311)

BMGT467 *(PermReq)* **Undergraduate Seminar in Human Resource Management; (3)** REG. *Prerequisite: permission of department.*
0101 **(06139)** Masterson, S.
F 3:00pm-5:40pm (VMH 1207)

BMGT470 Advanced Transportation Management; (3) REG. *Prerequisites: BMGT 3~0; and BMGT 3~2.* This course is open to all students with 72 semester hours completed.
0101 **(06149)** Corsi, T.
TuTh 12:30pm-1:45pm (Arranged)

BMGT472 Advanced Logistics Operations; (3) REG. *Prerequisite: BMGT 3~2.*
0101 **(06159)** Evers, P.
MW 2:00pm-3:15pm (TYD 1114)

BMGT475 Advanced Logistics Strategy; (3) REG. *Prerequisites: BMGT 3~0; and BMGT 3~2.* BMGT majors only. All others must have authorization.
0101 **(06169)** Mattingly, J.
TuTh 9:30am-10:45am (VMH 1307)

BMGT476 Applied Computer Models in Logistics and Transportation Management; (3) REG. *Prerequisites: BMGT 301 and BMGT 3~0 and BMGT 3~2.* Restricted to transportation majors. All others must have authorization.
0101 **(06179)** Dong, Y.
MW 5:00pm-6:15pm (VMH 1202)
0201 **(06180)** Dong, Y.
TuTh 5:00pm-6:15pm (VMH 1307)

BMGT477 International Logistics and Transportation Management; (3) REG. *Prerequisites: BMGT 3~0; and BMGT 3~2.* This course is restricted to transportation and general business (international option) majors only. All others must have authorization.
0101 **(06190)** Lin, J.
MW 11:00am-12:15pm (VMH 1314)
moved from tyd 1114 (switched with bmgt 495 (0301)
0201 **(06191)** Lin, J.
MW 3:30pm-4:45pm (TYD 2108)

BMGT482 Business and Government; (3) REG. *Prerequisite: ECON 203; or ECON 205.* This course is restricted to BMGT majors. All others must have authorization.
0101 **(06201)** Shaffer, B.
TuTh 12:30pm-1:45pm (TYD 1132)

BMGT486 Total Quality Management; (3) REG. *Prerequisite: BMGT 230 or equivalent.*
0101 **(06211)** Kaku, B.
TuTh 3:30pm-4:45pm (TYD 0101)

BMGT493 *(PermReq)* **Honors Study; (3)** REG. *Prerequisite: permission of department.*
0101 **(06231)** McDowell, H.
Time and room to be arranged
0301 **(06234)** Draper, F.
Time and room to be arranged

BMGT494 *(PermReq)* **Honors Study; (3)** REG/P-F/AUD. *Prerequisite: BMGT 493, and continued candidacy for honors in Business and Management.*
0101 **(06242)** Simon, J.
MW 12:30pm-1:45pm (VMH 4333)
0201 **(06243)** Shaw, K.
Time and room to be arranged
0301 **(06244)** Draper, F.
Time and room to be arranged
0401 **(06245)** Whited, T.
Time and room to be arranged
0501 **(06246)** Kim, O.
Time and room to be arranged
0601 **(06247)** Venkatesh, V.
Time and room to be arranged
0701 **(06250)** Loeb, M.
Time and room to be arranged
0801 **(06251)** Levine, M.
Time and room to be arranged
0901 **(06248)** STAFF
Time and room to be arranged
1001 **(06249)** STAFF
Time and room to be arranged

BMGT495 Business Policies; (3) REG. CORE: CS *Prerequisites: BMGT 340; and BMGT 350; and BMGT 364.* This course is restricted to graduating senior BMGT majors with 100 hours completed. All others must have authorization.
0101 **(06255)** STAFF
MW 8:00am-9:15am (VMH 1314)
0201 **(06256)** STAFF
MW 9:30am-10:45am (VMH 1314)
0301 **(06257)** STAFF
MW 11:00am-12:15pm (TYD 1114)
0401 **(06258)** STAFF
MW 12:30pm-1:45pm (VMH 1314)
0501 **(06259)** STAFF
MW 2:00pm-3:15pm (VMH 1314)
0601 **(06260)** STAFF
MW 3:30pm-4:45pm (TYD 2102)
0701 **(06261)** STAFF
TuTh 8:00am-9:15am (VMH 1314)
0801 **(06262)** STAFF
TuTh 9:30am-10:45am (VMH 1314)
1001 **(06263)** STAFF
TuTh 12:30pm-1:45pm (VMH 1314)
1101 **(06264)** Gannon, M.
TuTh 2:00pm-3:15pm (VMH 1314)
1201 **(06265)** Gannon, M.
TuTh 3:30pm-4:45pm (VMH 1314)
1301 **(06266)** STAFF
MW 3:30pm-4:45pm (TYD 2111)
1401 **(06267)** STAFF
MW 12:30pm-1:45pm (TYD 1118)

BMGT495H *(PermReq)* **Business Policies; (3)** REG. CORE: CS *Prerequisites: BMGT 340; and BMGT 350; and BMGT 364.* For BMGT honors students only.
0101 **(06277)** Kressler, D.
MW 9:30am-10:45am (Arranged)

BMGT496 Business Ethics and Society; (3) REG. *Prerequisite: one course in BMGT; or permission of department.*
0101 **(06287)** Lesser, L.
TuTh 2:00pm-3:15pm (VMH 1311)

BMGT498M Special Topics in Business and Management: Direct Marketing; (3) REG. Prerequisite: BMGT 350.
0101 **(06297)** Wagner, J.
MW 9:30am-10:45am (VMH 3327)

BMGT607 Business Ethics; (No credit) S-F. *For BMGT majors only.* Majors only until the first day of classes.
GS01 **(06375)** Loeb, S.
Time and room to be arranged
0101 **(06376)** Loeb, S.
Time and room to be arranged
0501 **(06378)** Loeb, S.
Time and room to be arranged

BMGT608C *(PermReq)* **ELM: Special Topics: Washington Experience; (No credit)** S-F.
0101 **(06379)** Shaffer, B.
Time and room to be arranged

BMGT608D *(PermReq)* **ELM: Special Topics: International Business Simulation; (No credit)** S-F.
0101 **(06380)** Gupta, A.
Time and room to be arranged

BMGT611 *(PermReq)* **Managerial Accounting; (1.5)** REG/AUD. *Prerequisite: BMGT 610.* Majors only until the first day of classes.
0101 **(06388)** Leung, K.
TuTh 9:30am-10:45am (VMH 1202)
0201 **(06389)** Leung, K.
TuTh 11:00am-12:15pm (VMH 1202)
0301 **(06390)** Gordon, L.
Meets 01/27/98-03/20/98
TuTh 2:00pm-3:15pm (VMH 1202)
0401 **(06391)** Gordon, L.
Meets 01/27/98-03/20/98
TuTh 3:30pm-4:45pm (VMH 1202)

BMGT630 Managerial Statistics I; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
GS01 **(06414)** Lele, S.
M 7:00pm-9:40pm (Arranged)
GS02 **(06415)** Lele, S.
W 7:00pm-9:40pm (Arranged)
GS03 **(06416)** Alt, F.
Th 7:00pm-9:40pm (Arranged)

BMGT632 *(PermReq)* **Decision Modeling and Analysis; (1.5)** REG/AUD. *Prerequisite: BMGT 630. For BMGT majors only. Not open to students who have completed BMGT 631.* Majors only until the first day of classes.
0101 **(06426)** Gass, S.
TuTh 9:30am-10:45am (VMH 1202)
0201 **(06427)** Gass, S.
TuTh 11:00am-12:15pm (VMH 1202)
0301 **(06428)** Gass, S.
Meets 03/30/98-05/22/98
TuTh 2:00pm-3:15pm (VMH 1202)
0401 **(06429)** Gass, S.
Meets 03/30/98-05/22/98
TuTh 3:30pm-4:45pm (VMH 1202)

BMGT640 *(PermReq)* **Financial Management; (3)** REG/AUD. *Prerequisites: BMGT 610; and BMGT 630. For BMGT majors only or permission of department.* Majors only until the first day of classes.
0101 **(06439)** Hanley, K.
Time and room to be arranged
0201 **(06440)** Phillips, G.
MW 2:00pm-3:15pm (VMH 1207)
0301 **(06441)** Hanley, K.
MW 11:00am-12:15pm (VMH 1207)
0401 **(06442)** Hanley, K.
MW 12:30pm-1:45pm (VMH 1207)

BMGT650 Marketing Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
GS01 **(06452)** Holman, R.
M 7:00pm-9:40pm (Arranged)
GS02 **(06453)** Holman, R.
Tu 7:00pm-9:40pm (Arranged)
GS03 **(06454)** Talukdar, D.
Th 7:00pm-9:40pm (Arranged)
0101 **(06455)** Holman, R.
TuTh 11:00am-12:15pm (VMH 1303)
0201 **(06456)** Whitney, D.
TuTh 9:30am-10:45am (VMH 1303)
0301 **(06457)** Shankar, V.
TuTh 3:30pm-4:45pm (VMH 1303)
0401 **(06458)** Shankar, V.
TuTh 2:00pm-3:15pm (VMH 1303)

BMGT682 Business Law for Managers; (3) REG/AUD. *Prerequisite: permission of department.* Majors only until the first day of classes.
0101 **(06468)** Leete, B.
TuTh 3:30pm-4:45pm (VMH 4333)

BMGT683 The Global Economic Environment; (3) REG/AUD. *For BMGT majors only. Not open to students who have completed BMGT 6~0.* Majors only until the first day of classes.
GS01 **(06478)** STAFF
Tu 7:00pm-9:40pm (Arranged)
GS02 **(06479)** Huneke, W.
M 7:00pm-9:40pm (Arranged)
GS03 **(06480)** Ostas, D.
Time and room to be arranged
0101 **(06482)** Morici, P.
MW 2:00pm-3:15pm (VMH 1202)

(BMGT683 cont'd)

0201 **(06483)** Morici, P.
MW 12:30pm-1:45pm (VMH 1202)
0301 **(06484)** Feinberg, S.
MW 9:30am-10:45am (VMH 1202)
0401 **(06485)** Feinberg, S.
MW 11:00am-12:15pm (VMH 1202)

BMGT690 Strategic Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
GS01 **(06495)** Kim, K.
W 7:00pm-9:40pm (Arranged)
GS02 **(06496)** Kim, K.
Th 7:00pm-9:40pm (Arranged)

BMGT698 *(PermReq)* **MBA Field Project; (3-6)** REG/AUD. Majors only until the first day of classes.
0101 **(06508)** Wellman, M.
Time and room to be arranged
0201 **(06509)** Davis, F.
Time and room to be arranged
0301 **(06510)** Davis, F.
Time and room to be arranged
0401 **(06511)** Davis, F.
Time and room to be arranged
0501 **(06512)** STAFF
Time and room to be arranged
0601 **(06513)** STAFF
Time and room to be arranged
0701 **(06514)** STAFF
Time and room to be arranged
0801 **(06515)** STAFF
Time and room to be arranged

BMGT702 Applied Security Analysis and Portfolio Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
0101 **(06521)** Vandeweghe, M.
MW 2:00pm-3:15pm (VMH 1203)

BMGT720 Information Technology and Corporate Transformation; (3) REG/AUD. *Prerequisite: BMGT 620.*
0101 **(06522)** Cook, R.
Tu 7:00pm-9:40pm (VMH 2203)
0201 **(06523)** STAFF
Th 7:00pm-9:40pm (VMH 1307)

BMGT721 File Processing and Database Systems; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
0101 **(06531)** Raschid, L.
MW 12:30pm-1:45pm (VMH 1307)

BMGT725 Information Systems Analysis and Design; (3) REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes.
GS01 **(06541)** Marakas, G.
M 7:00pm-9:40pm (Arranged)

BMGT726 Distributed Data Processing; (3) REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes.
0101 **(06551)** Faraj, S.
MW 2:00pm-3:15pm (VMH 2203)

BMGT733 Managerial Statistics II; (3) REG/AUD. *Prerequisite: BMGT 630 or equivalent.* Majors only until the first day of classes.
0101 **(06581)** Abdul-Wahab, F.
M 7:00pm-9:40pm (VMH 1314)

BMGT737 Management Simulation; (3) REG/AUD. *Prerequisite: BMGT 631.* Majors only until the first day of classes.
0101 **(06591)** STAFF
Tu 7:00pm-9:40pm (VMH 1314)

BMGT740 New Venture Financing; (3) REG/AUD. *Prerequisite: BMGT 640 or permission of department.* Majors only until the first day of classes.
GS01 **(06601)** STAFF
Tu 7:00pm-9:40pm (Arranged)

BMGT741 Advanced Financial Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
0101 **(06613)** Senbet, L.
M 9:30am-12:10pm (TWS 0138)
0401 **(06614)** Senbet, L.
M 7:00pm-9:40pm (VMH 1202)

BMGT742 Financial Valuation and Strategy; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
0101 **(06624)** Hanley, K.
M 7:00pm-9:40pm (VMH 1303)

BMGT743 Investment Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
GS01 **(06634)** Triantis, A.
W 7:00pm-9:40pm (Arranged)
0101 **(06635)** Triantis, A.
TuTh 11:00am-12:15pm (VMH 1307)
0201 **(06636)** Triantis, A.
TuTh 2:00pm-3:15pm (VMH 1307)
0301 **(06637)** Vandeweghe, M.
MW 3:30pm-4:45pm (VMH 1303)

BMGT744 Futures Contracts and Options Management; (3) REG/AUD. *Prerequisites: BMGT 640.* Majors only until the first day of classes.
0101 **(06646)** Madan, D.
MW 3:30pm-4:45pm (VMH 1202)
0401 **(06647)** Locke, P.
W 7:00pm-9:40pm (VMH 1307)

BMGT745 Financial Institutions Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
GS01 **(06656)** Whited, T.
Tu 7:00pm-9:40pm (Arranged)

BMGT746 International Financial Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes.
GS01 **(06666)** Bakshi, G.
Th 7:00pm-9:40pm (Arranged)
0101 **(06667)** Bakshi, G.
TuTh 2:00pm-3:15pm (VMH 1207)

BMGT751 Marketing Communications Management; (3) REG/AUD. *Prerequisite: BMGT 650.* Majors only until the first day of classes.
GS01 **(06677)** Sheinin, D.
M 7:00pm-9:40pm (Arranged)
0101 **(06678)** Sheinin, D.
MW 3:30pm-4:45pm (VMH 1307)

BMGT752 Marketing Research Methods; (3) REG/AUD. *Prerequisites: BMGT 630; and BMGT 650.* Majors only until the first day of classes.
0101 **(06688)** Kannan, P.
MW 11:00am-12:15pm (VMH 1303)

BMGT753 International Marketing; (3) REG/AUD. *Prerequisite: BMGT 650.* Majors only until the first day of classes.
0101 **(06698)** Greer, T.
TuTh 3:30pm-4:45pm (VMH 1307)

BMGT757 Marketing Strategy; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06708)** Biehal, G.
Tu 7:00pm-9:40pm (VMH 1307)
0201 **(06709)** Biehal, G.
TuTh 12:30pm-1:45pm (VMH 1303)

BMGT762 Employment Law; (3) REG/AUD.
0101 **(06718)** Levine, M.
Tu 4:00pm-6:40pm (VMH 3327)

BMGT764 Executive Power and Negotiation; (3) REG/AUD. Majors only until the first day of classes.
GS01 **(06739)** Taylor, M.
Time and room to be arranged
GS02 **(06741)** Taylor, M.
Time and room to be arranged
0101 **(06738)** Schnell, E.
W 7:00pm-9:40pm (VMH 1207)
0201 **(06740)** Stevens, C.
Th 3:30pm-6:10pm (VMH 1203)

BMGT772 Logistics Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes.
GS01 **(06748)** Dresner, M.
Time and room to be arranged

BMGT773 International Logistics and Transportation Management; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06759)** Dresner, M.
W 3:30pm-6:10pm (VMH 1311)

BMGT780 New Venture Creation; (3) REG/AUD. *Prerequisite: completion of MBA core requirements or permission of department.* Majors only until the first day of classes.
0101 **(06769)** Sanders, J.
M 7:00pm-9:40pm (VMH 1307)
0201 **(06770)** Kinlein, B.
W 7:00pm-9:40pm (VMH 1303)

BMGT794 The Environment of International Business; (3) REG/AUD. Majors only until the first day of classes.
GS01 **(06790)** Taylor, M.
M 7:00pm-9:40pm (Arranged)

BMGT795 Management of the Multinational Firm; (3) REG/AUD. Majors only until the first day of classes.
GS01 **(06801)** Gupta, A.
Th 7:00pm-9:40pm (Arranged)
0101 **(06800)** Kim, K.
Tu 7:00pm-9:40pm (VMH 1203)

BMGT798A Special Topics in Business and Management: Fixed Income Securities; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06810)** Unal, H.
W 7:00pm-9:40pm (VMH 1203)
0401 **(06811)** Unal, H.
Tu 6:30pm-9:10pm (VMH 1202)

BMGT798B Special Topics in Business and Management: Buiness Problem Solving Using Computers; (3) REG/AUD. Majors only until the first day of classes.
GS01 **(06821)** Davis, F.
Time and room to be arranged
GS02 **(06822)** Venkatesh, V.
Time and room to be arranged

BMGT798C Special Topics in Business and Management: Auditing; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06830)** STAFF
Th 7:00pm-9:40pm (VMH 1203)

BMGT798D Special Topics in Business and Management: Management of Information Systems; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06840)** Geter, R.
W 7:00pm-9:40pm (VMH 1311)

BMGT798E Special Topics in Business and Management: Decision and Management Support Systems; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06850)** Davis, F.
Tu 3:30pm-6:10pm (VMH 1203)

BMGT798F Special Topics in Business and Management: Technology Enterprises; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06860)** Lamone, R.
Tu 7:00pm-9:40pm (VMH 1207)

BMGT798G Special Topics in Business and Management: Management of Telecommunications Networks; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06870)** Oveissi, M.
W 7:00pm-9:40pm (VMH 1202)

BMGT798I Special Topics in Business and Management: Field Studies in Industry and Competition Analysis; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06880)** Smith, K.
Tu 4:00pm-6:40pm (VMH 1207)

BMGT798J Special Topics in Business and Management: Organizational Change; (3) REG/AUD. Majors only until the first day of classes.
GS01 **(06892)** Taylor, M.
W 7:00pm-9:40pm (Arranged)
0101 **(06890)** Taylor, M.
M 7:00pm-9:40pm (VMH 1206)

BMGT798K Special Topics in Business and Management: Organizational Communication; (3) REG/AUD.
GS01 **(06893)** Falcione, R.
Time and room to be arranged

BMGT798Q Special Topics in Business and Management: Self and Organization Development; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06921)** Stevens, C.
Tu 7:00pm-9:40pm (VMH 1311)

BMGT798R Special Topics in Business and Management: Business Heroes in Fact and Fiction; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06931)** Locke, E.
M 7:00pm-9:40pm (VMH 3327)

BMGT798S Special Topics in Business and Management: Marketing of Services; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06941)** Bolton, R.
M 7:00pm-9:40pm (VMH 1207)

BMGT798U Special Topics in Business and Management: Systems Analysis and design II; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06961)** Marakas, G.
Th 2:00pm-4:40pm (VMH 2203)

BMGT798V Special Topics in Business and Management: Telecommunication Economics and Policy; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06971)** Windle, R.
Th 3:30pm-6:10pm (VMH 1207)

BMGT798W Special Topics in Business and Management: Strategic Growth of Emerging Companies; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06981)** Parker, S.
Th 7:00pm-9:40pm (VMH 1202)

BMGT798X Special Topics in Business and Management: Business and Public Policy; (3) REG/AUD. Majors only until the first day of classes.
0101 **(06991)** McClenahan, W.
Th 7:00pm-9:40pm (VMH 1207)

BMGT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. Restricted to graduate business majors.

BMGT808D Doctoral Seminar: Cognitions in Strategic Management; (3) REG/AUD.
0101 **(07083)** Reger, R.
W 2:00pm-4:40pm (VMH 3327)

BMGT808E Doctoral Seminar: Logistics Research; (3) REG/AUD.
0101 **(07093)** Windle, R.
Tu 2:00pm-4:40pm (VMH 3441)

BMGT808T Doctoral Seminar: Transportation Management; (3) REG/AUD.
0101 **(07113)** Corsi, T.
Th 3:00pm-5:40pm (VMH 4439)

BMGT828 Independent Study in Business and Management; (1-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Masters Program Director.

BMGT831 Operations Research: Extension of Linear Programming and Network Analysis; (3) REG/AUD. *Prerequisite: BMGT 830 or equivalent; or permission of department.*
0101 **(07214)** Golden, B.
W 4:00pm-6:40pm (VMH 1203)

BMGT835 Simulation of Discrete-Event Systems; (3) REG/AUD. *Prerequisites: Knowledge of Fortran, Basic, C, or Pascal; and BMGT 630 or equivalent.*
0101 **(07224)** Fu, M.
Th 2:10pm-4:50pm (VMH 3327)

BMGT843 Seminar in Portfolio Theory; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(07244)** Madan, D.
W 9:30am-12:10pm (VMH 4439)

BMGT851 Quantitative Methods in Marketing: Demand and Cost Analysis; (3) REG/AUD.
0101 **(07254)** Kannan, P.
W 3:30pm-6:10pm (VMH 3441)

BMGT864 Seminar in Leadership; (3) REG/AUD. *Prerequisite: BMGT 660 or equivalent.*
0101 **(07274)** Sims, H.
M 3:30pm-6:10pm (VMH 3441)

BMGT872 Business Logistics; (3) REG/AUD.
0101 **(07284)** Evers, P.
M 7:00pm-9:40pm (VMH 1203)

BMGT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BSOS Behavioral and Social Sciences (Behavioral and Social Sciences)

BSOS346 *(PermReq)* **Internship in Political Institutions: State and Local Government; (3-6)** S-F. *Prerequisite: permission of department.*
0101 **(07442)** Webster, S.
M 4:30pm-6:30pm (TLF 1103)

BSOS356 *(PermReq)* **Internship in Political Institutions: Federal and International; (3-6)** S-F. *Prerequisite: permission of department.*
0101 **(07452)** Webster, S.
M 4:30pm-6:30pm (TLF 1103)

BSOS359A Contemporary Issues in Political Leadership and Participation: The Role of the Media in the American Political Process; (3) REG.
0101 **(07462)** Miranda, R.
M 7:00pm-8:30pm (TLF 1101)

BSOS359C Contemporary Issues in Political Leadership and Participation: The Role of Advocacy in the Political Process; (3) REG/P-F/AUD.
0101 **(07482)** Evans, G.
M 3:00pm-4:30pm (KEY 0102)

BSOS366 *(PermReq)* **Internship in Community Service Organizations; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(07492)** McGovern, E.
M 10:00am-12:00pm (ARM 0116)
Time and room to be arranged Dis

BSOS386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

BSOS388 Behavioral and Social Sciences Special Topics; (1) REG.
0101 **(07504)** Gray, M.
M 1:00pm-3:00pm (ASY 3215)

BSOS388S *(PermReq)* **Behavioral and Social Sciences Special Topics: Prestigious Scholarship Prep Course; (3)** REG/P-F/AUD.
0101 **(07505)** Beardsley, K.
Th 3:00pm-5:30pm (TYD 1136)

BSOS396 *(PermReq)* **Fellowship Program in Political Leadership; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department and acceptance of full-time fellowship program. Corequisite: BSOS 346, BSOS 356 or BSOS 366.*

BSOS399 *(PermReq)* **Directed Study in Behavioral and Social Sciences; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CCJS Criminology and Criminal Justice (Behavioral and Social Sciences)

CCJS100 Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.*
0101 **(07568)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 9:00am-9:50am (LEF 1221) Dis
0102 **(07569)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 11:00am-11:50am (LEF 1201) Dis
0103 **(07570)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 12:00pm-12:50pm (LEF 1221) Dis
0104 **(07571)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 9:00am-9:50am (JMZ 0208) Dis
0105 **(07572)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 10:00am-10:50am (LEF 1222) Dis
0106 **(07573)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 11:00am-11:50am (HBK 1116) Dis
0107 **(07574)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 12:00pm-12:50pm (COL 3110) Dis
0108 **(07575)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 10:00am-10:50am (LEF 1220) Dis
0109 **(07576)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 12:00pm-12:50pm (CHM 0122) Dis
0110 **(07577)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 2:00pm-2:50pm (LEF 1222) Dis
0111 **(07578)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 12:00pm-12:50pm (ZOP 1228) Dis
0112 **(07579)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 1:00pm-1:50pm (LEF 1220) Dis

CCJS100H Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.* For general honors students only.
0101 **(07589)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 3:00pm-3:50pm (ZOP 1232) Dis

CCJS105 Introduction to Criminology; (3) REG/P-F/AUD. CORE: SB *Formerly CRIM 220.*
0101 **(07599)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
M 9:00am-9:50am (LEF 1222) Dis
0102 **(07600)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
M 11:00am-11:50am (CHM 0122) Dis
0103 **(07601)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Tu 9:00am-9:50am (LEF 1222) Dis
0104 **(07602)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Tu 2:00pm-2:50pm (TYD 1101) Dis
0105 **(07603)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Tu 3:00pm-3:50pm (TYD 1101) Dis
0106 **(07604)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
W 9:00am-9:50am (LEF 1222) Dis
0107 **(07605)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
W 11:00am-11:50am (CHM 0122) Dis
0108 **(07606)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Th 12:00pm-12:50pm (JMZ 2123) Dis
0109 **(07607)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Th 1:00pm-1:50pm (CHM 2201) Dis
0110 **(07608)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
F 11:00am-11:50am (LEF 1220) Dis
0201 **(07609)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
M 10:00am-10:50am (LEF 1220) Dis
0202 **(07610)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
M 1:00pm-1:50pm (LEF 1201) Dis
0203 **(07611)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
Tu 10:00am-10:50am (MMH 3418) Dis
0204 **(07612)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
Tu 2:00pm-2:50pm (PLS 1117) Dis

(CCJS105 cont'd)

0205 **(07613)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
W 10:00am-10:50am (LEF 1221) Dis
0206 **(07614)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
W 12:00pm-12:50pm (HJP 2242) Dis
0207 **(07615)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
Th 9:00am-9:50am (COL 3111) Dis
0208 **(07616)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
Th 10:00am-10:50am (CHM 0122) Dis
0209 **(07617)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
Th 2:00pm-2:50pm (MMH 3418) Dis
0210 **(07618)** Smith, D.
TuTh 12:30pm-1:20pm (ARM 0126)
F 12:00pm-12:50pm (DNC 1139B) Dis

CCJS200 *(PermReq)* **Statistics for Criminology and Criminal Justice; (3)** REG/P-F/AUD. *Prerequisites: MATH 111 and (CCJS 100 or CCJS 105) or permission of department.*
0101 **(07628)** Paternoster, R.
MW 10:00am-10:50am (LEF 2166)
Th 9:00am-9:50am (LEF 1222) Dis
0102 **(07629)** Paternoster, R.
MW 10:00am-10:50am (LEF 2166)
Th 11:00am-11:50am (ZOP 1228) Dis
0103 **(07630)** Paternoster, R.
MW 10:00am-10:50am (LEF 2166)
F 10:00am-10:50am (PLS 1119) Dis
0201 **(07631)** Tseloni, A.
TuTh 9:30am-10:45am (LEF 2208)
Tu 1:00pm-1:50pm (KEY 0121) Dis
0202 **(07632)** Tseloni, A.
TuTh 9:30am-10:45am (LEF 2208)
Tu 2:00pm-2:50pm (JMZ 0202) Dis

CCJS230 Criminal Law in Action; (3) REG/P-F/AUD. *Formerly CJUS 230.*
0101 **(07642)** Russell, K.
TuTh 9:30am-10:45am (HJP 0226)

CCJS234 Law of Criminal Investigation; (3) REG/P-F/AUD. *Prerequisite: CCJS 230. Formerly CJUS 234.*
0101 **(07652)** Johnston, D.
TuTh 8:00am-9:15am (SHM 2101)

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3)** REG/P-F/AUD. *Prerequisites: CCJS 100 and CCJS 105; and one of the following: CCJS 200 or SOCY 201 or PSYC 200 or ECON 321 or BMGT 230. Formerly CJUS 300.*
0101 **(07662)** Brooks, L.
MWF 10:00am-10:50am (TYD 1101)
0201 **(07663)** Brooks, L.
MWF 1:00pm-1:50pm (LEF 2166)
0301 **(07664)** Myers, D.
TuTh 12:30pm-1:45pm (HBK 0109)

CCJS320 Introduction to Criminalistics; (3) REG/P-F/AUD. *Prerequisite: CCJS 234. Formerly CJUS 320.*
0101 **(07674)** Mauriello, T.
MW 6:00pm-7:15pm (LEF 2205)
MW 6:00pm-7:15pm (LEF 0208) Lab
0201 **(07675)** Mauriello, T.
MW 7:30pm-8:45pm (LEF 2205)
MW 7:30pm-8:45pm (LEF 0208) Lab

CCJS330 Contemporary Criminological Issues; (3) REG/P-F/AUD. *Prerequisite: CCJS 105. Formerly CRIM 330.*
0101 **(07685)** Cosper, G.
W 7:00pm-9:30pm (SQH 1121)

CCJS331 Contemporary Legal Policy Issues; (3) REG/P-F/AUD. *Prerequisites: CCJS 230; and CCJS 234 or equivalent. Formerly CJUS 330.*
0201 **(07695)** Zumbrun, A.
TuTh 11:00am-12:15pm (SYM 0200)

CCJS340 *(PermReq)* **Concepts of Law Enforcement Administration; (3)** REG/P-F/AUD. *Prerequisite: CCJS 100 or equivalent. Formerly CJUS 340.*
0101 **(07705)** Brooks, L.
MWF 12:00pm-12:50pm (SHM 2101)
0301 **(07707)** Carr, T.
Tu 4:00pm-6:45pm (LEF 2205)

CCJS350 *(PermReq)* **Juvenile Delinquency; (3)** REG/P-F/AUD. *Prerequisite: CCJS 105. Formerly CRIM 450.*
0201 **(07716)** MacDonald, J.
MWF 10:00am-10:50am (JMZ 0220)
0301 **(07717)** Myers, D.
TuTh 2:00pm-3:15pm (ARC 0204)

CCJS352 Drugs and Crime; (3) REG/P-F/AUD. *Prerequisite: CCJS 100. Formerly CJUS 352.*
0101 **(07727)** Gaston, A.
TuTh 8:00am-9:15am (LEF 2205)

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only, and permission of department.

CCJS370 Race, Crime and Criminal Justice; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: CCJS 100 or equivalent.*
0101 **(07748)** Russell, K.
TuTh 2:00pm-3:15pm (LEF 1222)

CCJS386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor and student's internship sponsor. 56 semester hours.* Prerequisites: junior standing by August 1997; a 3.2 cumulative GPA; and a grade of "A" in the course in which assisting.

CCJS388H *(PermReq)* **Independent Reading Course in Criminology and Criminal Justice; (3)** REG. For honors students only.
0101 **(07771)** Sherman, L.
TBA (LEF 2220R)

CCJS389H *(PermReq)* **Independent Research in Criminology and Criminal Justice; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. For Honors students only.

CCJS398 *(PermReq)* **Law Enforcement Field Training; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: junior standing. Majors only.

CCJS399 *(PermReq)* **Independent Study in Criminology and Criminal Justice; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of CCJS credits.

CCJS400 *(PermReq)* **Criminal Courts; (3)** REG/P-F/AUD. *Prerequisites: CCJS 100 or permission of department; and CCJS 300. Formerly CJUS 400.*
0101 **(07811)** Zumbrun, A.
TuTh 12:30pm-1:45pm (SYM 0200)

CCJS451 *(PermReq)* **Crime and Delinquency Prevention; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105 or CCJS 350 or permission of department; and CCJS 300. Formerly CRIM 451.*
0101 **(07821)** Eck, J.
TuTh 2:00pm-3:15pm (SHM 2101)

CCJS452 *(PermReq)* **Treatment of Criminals and Delinquents; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105 or CCJS 350 or permission of department; and CCJS 300. Formerly CRIM 452.*
0101 **(07832)** Gaston, A.
TuTh 11:00am-12:15pm (JMZ 0105)

CCJS454 *(PermReq)* **Contemporary Criminological Theory; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105; and CCJS 300; and CCJS 350. Formerly CRIM 454.*
0101 **(07842)** MacDonald, J.
TuTh 2:00pm-3:15pm (DNC 1139B)

CCJS498F Selected Topics in Criminology and Criminal Justice: General Linear Model in Criminal Justice; (3) REG/P-F/AUD.
0101 **(07852)** Tseloni, A.
M 4:00pm-6:45pm (LEF 2166)

CCJS610 Research Methods in Criminal Justice and Criminology; (3) REG/AUD. *Prerequisite: completion of research methods and statistics requirements for the M.A. Degree. Formerly CRIM 610.*
0101 **(07862)** Gottfredson, D.
Th 4:00pm-6:45pm (LEF 2208)

CCJS651 Seminar in Criminology; (3) REG/AUD. *Formerly CRIM 651.*
0101 **(07872)** Wellford, C.
M 4:00pm-6:45pm (TYD 1101)

CCJS653 Seminar in Corrections; (3) REG/AUD. *Prerequisite: CCJS 651 or equivalent. Formerly CRIM 653.*
0101 **(07882)** Mackenzie, D.
Tu 4:00pm-6:45pm (LEF 2208)

CCJS654 History of Criminological Thought; (3) REG/AUD. *Prerequisite: CCJS 454 or equivalent. Formerly CRIM 654.*
0101 **(07892)** Simpson, S.
W 4:00pm-6:45pm (LEF 1222)

CCJS699 Special Criminological Problems; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CCJS699A Special Criminological Problems: Reinventing the Police; (1-3) REG/AUD.
0101 **(07911)** Sherman, L.
Tu 4:00pm-6:45pm (LEF 1201)

CCJS699E Special Criminological Problems: Experiment Methods & Analysis; (3) REG/AUD.
0101 **(07912)** Sherman, L.
Th 4:00pm-6:45pm (LEF 1201)

CCJS710 Advanced Research Methods in Criminology; (3) REG/AUD. *Prerequisite: approved doctoral level statistics course. Formerly CRIM 710.*
0101 **(07931)** Smith, D.
M 4:00pm-6:45pm (KEY 0121)

CCJS799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CCJS899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CHEM Chemistry
(Life Sciences)

CHEM103 General Chemistry I; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Laboratory sessions will begin after the first lecture.
3111 **(08007)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
M 8:00am-10:50am (CHM 1105) Lab
M 1:00pm-1:50pm (EGR 0110) Dis
3117 **(08008)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
M 3:00pm-5:50pm (CHM 1105) Lab
M 1:00pm-1:50pm (CHE 2145) Dis
3124 **(08009)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1105) Lab
M 1:00pm-1:50pm (CHM 0119) Dis
3131 **(08010)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
W 8:00am-10:50am (CHM 1105) Lab
M 2:00pm-2:50pm (CHM 2201) Dis
3134 **(08011)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
W 12:00pm-2:50pm (CHM 1105) Lab
M 2:00pm-2:50pm (CHM 2201) Dis
3135 **(08012)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
W 12:00pm-2:50pm (CHM 1106) Lab
M 2:00pm-2:50pm (CHE 2140) Dis
3137 **(08013)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
W 3:00pm-5:50pm (CHM 1105) Lab
M 2:00pm-2:50pm (JMZ 1109) Dis
3144 **(08014)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1105) Lab
M 2:00pm-2:50pm (CHM 0119) Dis
3151 **(08015)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
F 8:00am-10:50am (CHM 1105) Lab
M 1:00pm-1:50pm (CHE 2120) Dis
3154 **(08016)** Berkowitz, D.
TuTh 8:00am-9:15am (CHM 1407)
F 12:00pm-2:50pm (CHM 1105) Lab
M 1:00pm-1:50pm (EGR 0110) Dis
3211 **(08017)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
M 8:00am-10:50am (CHM 1106) Lab
W 1:00pm-1:50pm (CHE 2136) Dis
3214 **(08018)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1106) Lab
W 1:00pm-1:50pm (CHE 2116) Dis
3215 **(08019)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1109) Lab
W 1:00pm-1:50pm (MTH 1311) Dis
3216 **(08020)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1112) Lab
W 1:00pm-1:50pm (EGR 0108) Dis
3217 **(08021)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1109) Lab
W 1:00pm-1:50pm (CHE 2120) Dis
3221 **(08022)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1106) Lab
W 1:00pm-1:50pm (ARM 0116) Dis
3227 **(08023)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1106) Lab
W 1:00pm-1:50pm (EGR 3111) Dis
3237 **(08024)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1109) Lab
W 2:00pm-2:50pm (EGR 0102) Dis
3241 **(08025)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1106) Lab
W 2:00pm-2:50pm (ARM 0116) Dis
3247 **(08026)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1106) Lab
W 2:00pm-2:50pm (EGR 3111) Dis
3248 **(08027)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1109) Lab
W 2:00pm-2:50pm (HBK 1108) Dis
3251 **(08028)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1106) Lab
W 2:00pm-2:50pm (HBK 1112) Dis
3254 **(08029)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1106) Lab
W 2:00pm-2:50pm (CHE 2118) Dis
3255 **(08030)** Ginter, M.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1109) Lab
W 2:00pm-2:50pm (JMZ 1124) Dis
3317 **(08031)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1112) Lab
W 1:00pm-1:50pm (PLS 1111) Dis
3318 **(08032)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1106) Lab
W 1:00pm-1:50pm (CHM 0122) Dis
3321 **(08033)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1105) Lab
W 1:00pm-1:50pm (ARM 0108) Dis
3322 **(08034)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1109) Lab
W 1:00pm-1:50pm (ZOP 1124) Dis
3331 **(08035)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1112) Lab
W 2:00pm-2:50pm (CHM 0119) Dis
3332 **(08036)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1109) Lab
W 2:00pm-2:50pm (CHE 2140) Dis
3337 **(08037)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1112) Lab
W 2:00pm-2:50pm (PLS 1111) Dis
3338 **(08038)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1106) Lab
W 2:00pm-2:50pm (JMZ 1120) Dis
3341 **(08039)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1112) Lab
W 2:00pm-2:50pm (ARM 0108) Dis
3342 **(08040)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1109) Lab
W 2:00pm-2:50pm (JMP 1109) Dis
3351 **(08041)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1112) Lab
W 1:00pm-1:50pm (EGR 1102) Dis
3352 **(08042)** Ginter, M.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1109) Lab
W 1:00pm-1:50pm (ARM 0118) Dis

****

8101 **(*****)** Chang, E.
M 6:30pm-10:30pm (PHY 1402)
W 6:30pm-9:30pm (Arranged) Lab

Section 8101 is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu

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CHEM104 Fundamentals of Organic and Biochemistry; (4) REG/P-F/AUD. CORE: LL. *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 104 or CHEM 233 (or CHEM 235).* This course is intended for students in curricula requiring only one semester of organic chemistry. It is not appropriate for those requiring two semesters; such students should take CHEM 233 or, if eligible, CHEM 235, after completion of CHEM 113 (or CHEM 115). Laboratory sessions will begin after the first lecture. Course is offered in the spring semester only.
5114 **(08054)** Grim, S.
MWF 8:00am-8:50am (CLB 0111)
M 12:00pm-2:50pm (CHM 1215) Lab
Tu 8:00am-8:50am (CHE 2120) Dis
5117 **(08055)** Grim, S.
MWF 8:00am-8:50am (CLB 0111)
M 3:00pm-5:50pm (CHM 1215) Lab
Tu 8:00am-8:50am (EGR 3102) Dis
5124 **(08056)** Grim, S.
MWF 8:00am-8:50am (CLB 0111)
Tu 12:00pm-2:50pm (CHM 1215) Lab
Tu 8:00am-8:50am (EGR 3111) Dis
5134 **(08057)** Grim, S.
MWF 8:00am-8:50am (CLB 0111)
W 12:00pm-2:50pm (CHM 1215) Lab
Tu 9:00am-9:50am (CHE 2140) Dis
5137 **(08058)** Grim, S.
MWF 8:00am-8:50am (CLB 0111)
W 3:00pm-5:50pm (CHM 1215) Lab
Tu 9:00am-9:50am (EGR 3111) Dis
5144 **(08059)** Grim, S.
MWF 8:00am-8:50am (CLB 0111)
Th 12:00pm-2:50pm (CHM 1215) Lab
Tu 9:00am-9:50am (EGR 3102) Dis

CHEM113 General Chemistry II; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* Laboratory sessions will begin after the first lecture.
4114 **(08079)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1208) Lab
Tu 8:00am-8:50am (CHE 2118) Dis
4117 **(08080)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1212) Lab
Tu 8:00am-8:50am (EGR 0104) Dis
4124 **(08081)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1111) Lab
Tu 8:00am-8:50am (EGR 3114) Dis
4127 **(08082)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1111) Lab
Tu 8:00am-8:50am (ARM 0118) Dis
4134 **(08083)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1110) Lab
Tu 9:00am-9:50am (CHE 2118) Dis
4137 **(08084)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1128) Lab
Tu 9:00am-9:50am (EGR 0102) Dis
4141 **(08085)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Th 8:00am-10:50am (CHM 1110) Lab
Tu 9:00am-9:50am (ARM 0120) Dis
4214 **(08086)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1212) Lab
Th 8:00am-8:50am (CHE 2136) Dis
4215 **(08087)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1111) Lab
Th 8:00am-8:50am (CHM 0122) Dis
4217 **(08088)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1111) Lab
Th 8:00am-8:50am (EGR 1102) Dis
4221 **(08089)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1111) Lab
Th 8:00am-8:50am (EGR 0102) Dis
4234 **(08090)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1111) Lab
Th 9:00am-9:50am (CHE 2120) Dis
4235 **(08091)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1208) Lab
Th 9:00am-9:50am (EGR 3111) Dis
4237 **(08092)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1111) Lab
Th 9:00am-9:50am (EGR 3114) Dis
4244 **(08093)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1212) Lab
Th 9:00am-9:50am (CHE 2118) Dis
4311 **(08094)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
M 8:00am-10:50am (CHM 1128) Lab
Tu 1:00pm-1:50pm (CHE 2116) Dis
4314 **(08095)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1128) Lab
Tu 1:00pm-1:50pm (CHE 2120) Dis
4317 **(08096)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1128) Lab
Tu 1:00pm-1:50pm (PLS 1117) Dis

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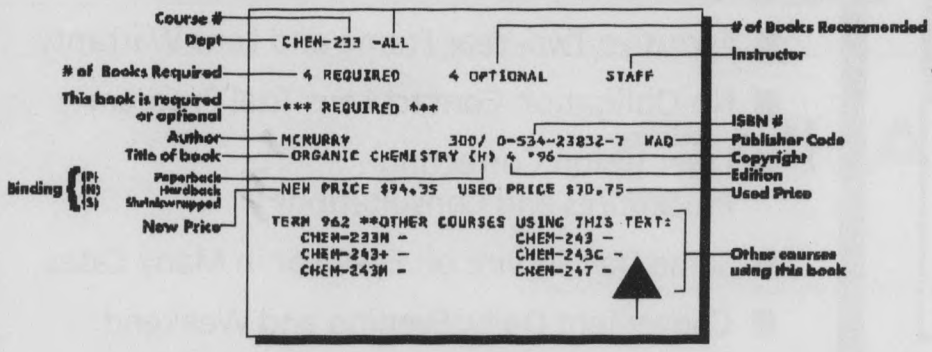

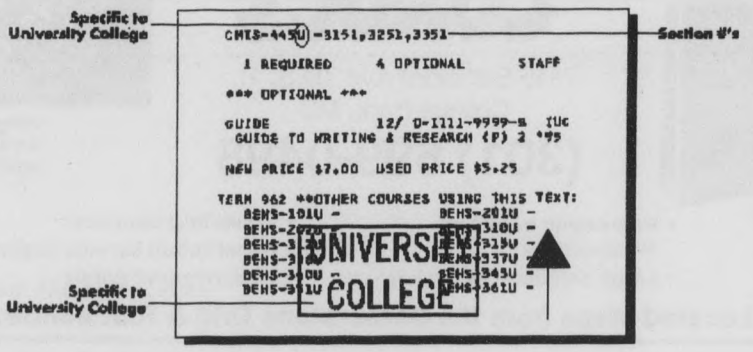

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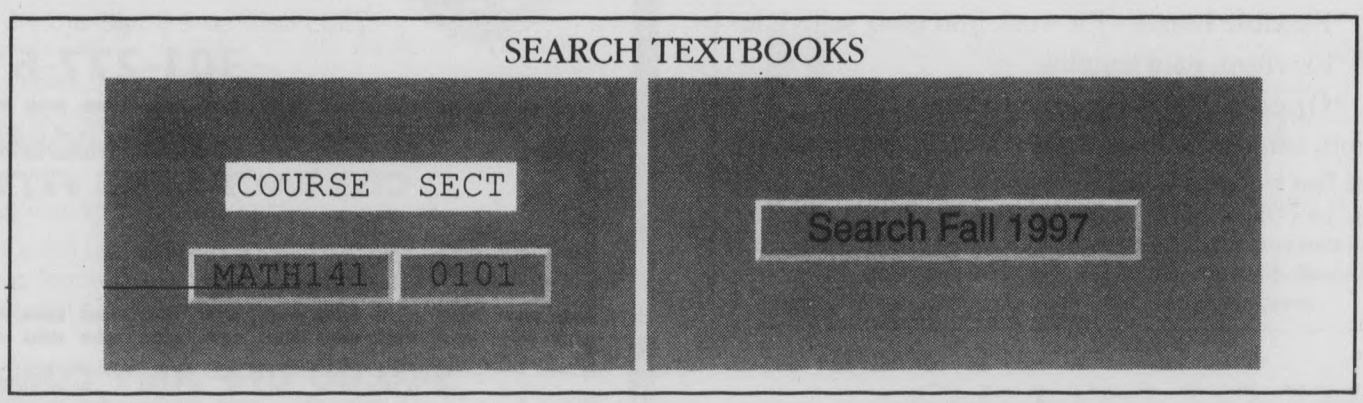

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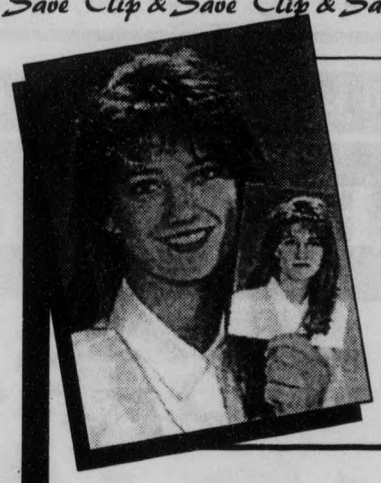

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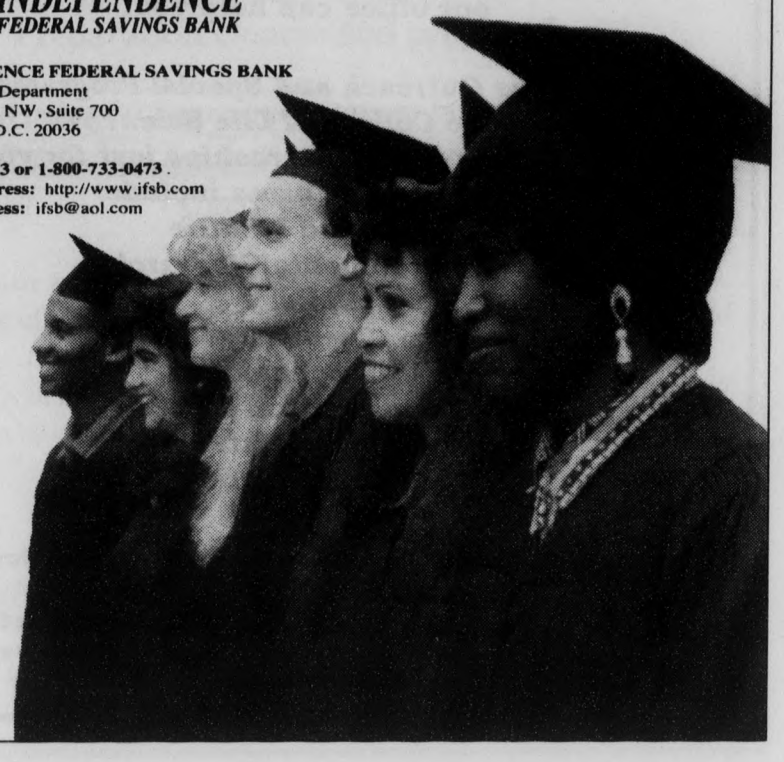

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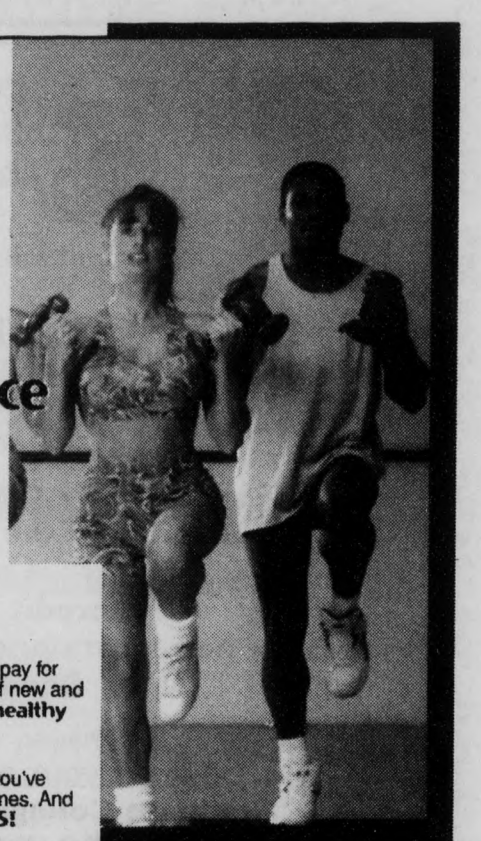

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The Office of Science Outreach & Special Programs'
Science in the Evening Program
is offering
*** 2-credit LAB courses***
in the new laboratories at the UMCP facility at
Shady Grove!

This is your opportunity to get:
Graduate College Credit* from UMCP
EVENING/WEEKEND courses

* courses may also be taken for undergraduate credit with permission

Want more information? Contact:
Science Outreach and Special Programs
(301) 405-7941
email:evening@life.umd.edu

Visit us on the web!
http://www.life.umd.edu/evening/index.html

Confused?

Need an internship? Don't know where to begin?

If you are majoring in one of the life sciences, our office can help you!

Science Outreach and Special Programs in the College of Life Sciences has six notebooks full of internships just for you! Some of the many areas include:
Fish and Wildlife
Environmental Research
Biology
Chemistry
Biotechnology
Pharmaceutical Science
Biochemistry
...and more

Come and browse through our resources...we are located in Symons Hall, Room 0216!
Don't wait until you are about to graduate, get an internship now and be armed with knowledge and experience!

Rm 0232 Stamp Student Union
ART & LEARNING CENTER

SPRING CLASSES 1998
Call to receive information on upcoming classes starting in September
Massage Therapy • Yoga • Pottery • Photography
Painting & Drawing • T'ai Chi Chu'an • Aerobics
Ballroom Dancing • Family/Kids Classes • And Much More!

http://www.inform.umd.edu/Student/Campus_Activities/Arts/Art_Center
email:artlearn@umdstu.umd.edu

10% discount with this coupon

on any Art Center class
cannot be used with any other discount

Send me your brochure of classes:

name

address

city & state zip code

email interest(s)

The Art & Learning Center • 0232 Stamp Student Union
University of Maryland • College Park • 20742

Discount for UMCP affiliates

MEI Maryland English Institute

SPEAKING PARTNERS

What does one hour a week=?
- A wider world
- A new friend
- A look at a different culture

MEI Speaker Partners can give you all this ... and more. Meet weekly with an international student and share interests, ideas and conversation.

Come by 2140 Taliaferro or call 301-405-0336

WELCOME HOME TO MARYLAND

Uniting International students and Local Families

The "Welcome Home to Maryland" program is designed to provide international students at the University of Maryland, College Park, with an opportunity to meet and interact with an American family. This "contact family" will get together with their student 6 times over the course of the school year and give them a taste of American life!

For more INFORMATION and / or to apply, call:
Denise M. Burns • (301) 405-0336

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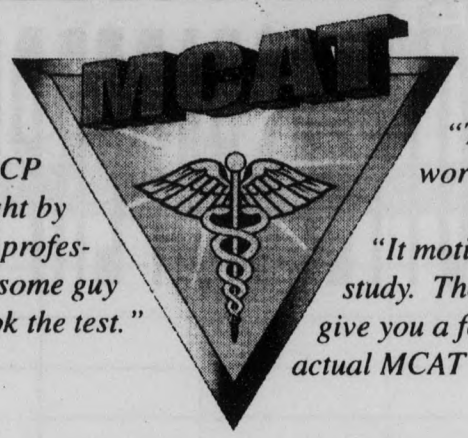

The UMCP course is taught by experienced professors, "not just some guy who took the test."

"This class was worth the money."

"It motivates you to study. The practice tests give you a feel of what the actual MCAT will be like."

Don't just sit around dreaming about medical school: take the College of Life Science's MCAT Preparation Course and prepare for it!

An intensive 50 hour course taught by Life Sciences and English faculty using the Cambridge MCAT program. Class size limited!

"This course has provided me with an outline of what to know for the exams."

Fee: $600, all materials included.
Tu and Th evenings during Spring 98

"I liked being able to ask any question to the faculty who could appropriately and thoroughly answer it: you don't get that with other commercial review courses."

For more information please contact Ms. Audra Hence (301) 405-7941
evening@life.umd.edu, http://www.life.umd.edu/evening/index.html

This MCAT Preparation Course will be administered through the University of Maryland Foundation, Inc.

So, You Want to Be A Doctor...

(or other health professional)

...but you didn't take all the pre-med courses? **No problem!** The University of Maryland's College of Life Sciences now offers....

Science in the Evening

Laboratory courses for **post-baccalaureates** including:
• biology
•chemistry
•genetics
•cell biology & physiology
•human anatomy and physiology
...and more!

Classes start January 27, 1998.
For more information, or to register for these classes, please contact Science Outreach and Special Programs (301) 405-7941
evening@life.umd.edu
http://www.life.umd.edu/evening/index.html

Don't wait...take steps toward becoming a doctor or other health professional today!

Please note: these courses are only open to post-baccalaureate students or students enrolled as Continuing Education students. These self-support classes are charged at the regular part-time rate (on a per-credit basis), even for full-time students.

TERRAPIN TRADER

Tuesday - Friday, 10:00 to 3:00

EVERYDAY BARGAINS

University of Maryland at College Park Surplus Property

Thousands of Used Items Available
File Cabinets, Office and Dorm
Furniture, Computers, and Much More

Terrapin Trader is located
in the Physical Distribution Center on Paint Branch Parkway
Across from Maryland Fire and Rescue Institute
Call 405-5856 for information
http://www.inform.umd.edu/PURCHASE/terptrad/tt.htm

VISA MasterCard DISCOVER

Checks, MasterCard, Visa and Discover

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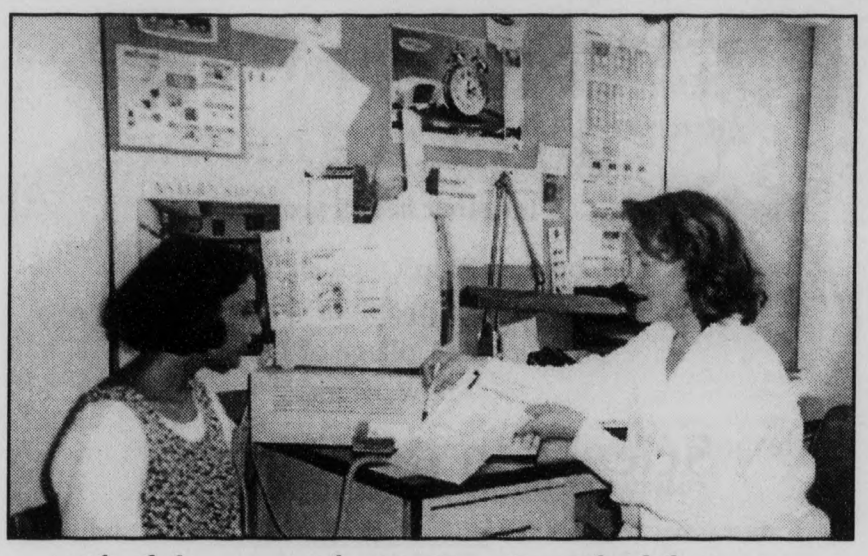


Healthcare at the University Health Center

Your health is our first priority!

Hours: Monday–Friday 8:00 AM–10:00 PM, Saturday & Sunday 9:00 AM–5:00 PM
Hours subject to change during summer sessions and semester and holiday breaks.

(301) 314-8180

University Health Center • University of Maryland
Accredited by the Acceditation Association for Ambulatory Health Care

CANSBOTTLESPAPERPLASTIC

You just separated your trash.

Recycling is easy, isn't it? In fact, it's one of the easiest ways you personally can make the world a better place.

If you'd like to know more, send a postcard to the Environmental Defense Fund-Recycling, 257 Park Ave. South, NY, NY. 10010.

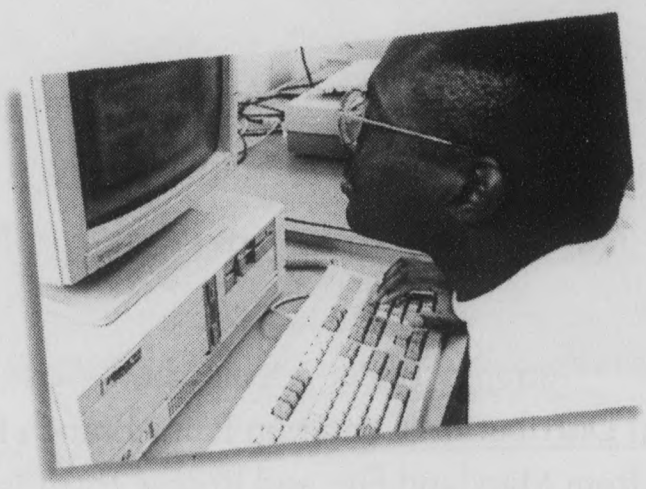
You will find taking the first step toward recycling can be as easy in practice as it is here on paper.

RECYCLE
It's the everyday way to save the world.

Summer's on the Web.

Now you can access the COMPLETE 1998 Summer Course Schedule on the Web.

It's at www.inform.umd.edu/summer



Summer is the perfect opportunity for adding some credits so you can get ahead. Or making sure you stay on track by fulfilling any requirements. Or you can try something totally different and take a course outside your field of study.

So get a jump start on scheduling your summer classes. Visit the summer schedule on the web.

☞ **And look for the 1998 Summer Sessions Catalogue on campus March 1.**

UNIVERSITY OF MARYLAND
Summer's Cool!

University of Maryland • Office of Continuing Education, Summer and Special Programs • 2103 Reckord Armory • College Park, MD 20742 • 301.405.6551 or 1-800-711-UMCP

ON-CAMPUS ON-CAMPUS ON-CAMPUS ON-CAMPUS ON-CAMPUS ON-CAMPUS ON-CAMPUS ON-CAMPUS

Tentative Schedule

SCHEDULE WORKSHEET

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00					
8:30					
9:00					
9:30					
10:00					
10:30					
11:00					
11:30					
12:00					
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4:00					
4:30					
5:00					
5:30					
6:00					

SCHEDULE WORKSHEET

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00					
8:30					
9:00					
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10:00					
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4:00					
4:30					
5:00					
5:30					
6:00					

DID YOU KNOW ...

THERE ARE THREE CONVENIENT SERVICES TO HELP YOU REGISTER FOR CLASSES?

DON'T WAIT IN LONG LINES! TAKE ADVANTAGE OF THESE HELPFUL RESOURCES.

TESTUDO

(WWW.TESTUDO.UMD.EDU)

Testudo, the web site developed for University of Maryland students, offers the following services. (Use the link for Records and Registration).

- schedule adjustment
  - drop and add classes
  - change course sections/grading methods
  - modify credit levels
  - add and drop waitlisted sections
  - view registration appointments/blocks
- check-in to waitlisted courses
- create, view, and print course schedules
- change PIN and address
- request transcripts
- look up transfer courses
- apply for graduation
- access the Schedule of Classes

MARS (301)403-0500

MARS, the Maryland Automated Registration System, features a wide variety of services including

- registration
- financial information
- student accounts
- campus parking applications

Hours of operation

Monday - Saturday 7:30 a.m. to 11:00 p.m.
Sunday 5:00 p.m. to 11:00 p.m.

OFFICE OF THE REGISTRAR

MITCHELL BUILDING
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD 20742

MARS KIOSKS

MARS kiosks allow students to

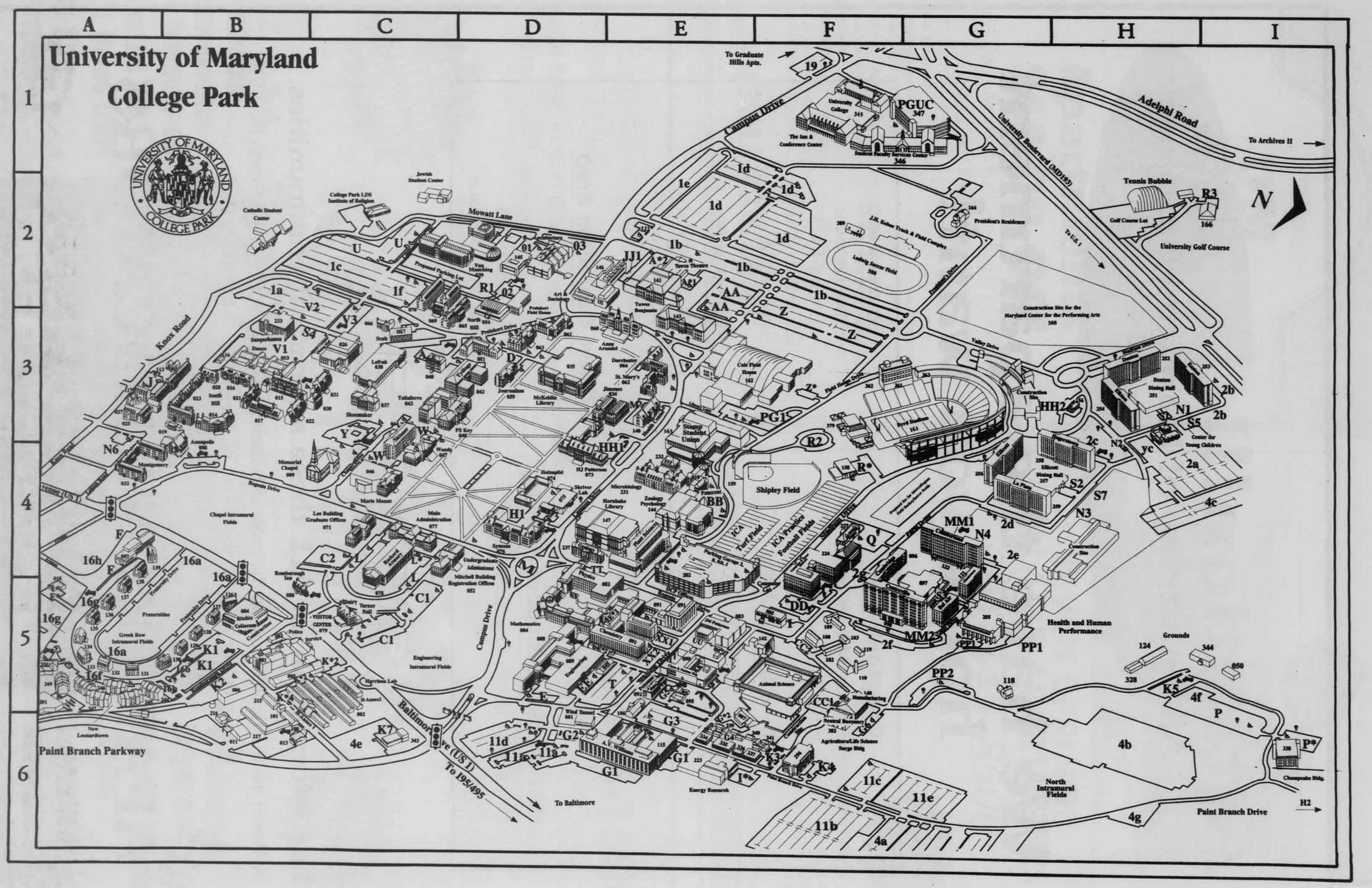
- drop and add classes
- check-in to waitlisted courses
- print schedules
- request transcripts
- apply for graduation
- pay student accounts
- change address

Kiosks are open daily from 7:30 a.m. to 11:30 p.m. Locations include

- Mitchell Building
- Ellicott Dining Hall
- Stamp Union
- Van Munching Hall

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

AGY	Allegany Hall	A-3
ANS	Animal Sciences-Agri.Engr. Bldg	F-5
ANA	Anne Arundel Hall	E-3
ARC	Architecture Building	D-2
ARM	Reckord Armory	C-4
ASY	Art-Sociology Building	D-2
AVW	A.V. Williams Building	E-6
BAL	Baltimore Hall	B-3
BEL	Bel-Air Hall	G-5
BRD	Byrd Stadium	G-3
CAL	Calvert Hall	B-3
CAM	Cambridge Hall	F-4
CAR	Caroline Hall	C-2
CRL	Carroll Hall	C-2
CEC	Cecil Hall	B-3
CEN	Centreville Hall	F-5
CHL	Charles Hall	A-3
CHE	Chemical and Nuclear Engr.	E-5
CHM	Chemistry Building	E-5
CHS	Chestertown Hall	G-4
CLB	Classroom Building	E-6
COL	Cole Student Activities Building	E-3
CSS	Computer and Space Sciences	F-4
CBD	Cumberland Hall	G-4
DNC	Dance Building	B-3
DEN	Denton Hall	H-3
DOR	Dorchester Hall	E-3
EAS	Easton Hall	H-3
EDA	Education Annex	C-3
EDU	Benjamin (Education) Building	E-3
ELK	Elkton Hall	H-3
ELL	Ellicott Hall	G-4
EGR	Engineering Classroom Bldg.	D-5
EGL	Engineering Lab Building	D-5
ERB	Engineering Research Bldg.	E-6
FRD	Frederick Hall	B-3
GRT	Garrett Hall	C-3
GEO	Geology Building	D-4
HAG	Hagerstown Hall	H-3
HAR	Harrison Lab	C-5
HRF	Harford Hall	B-3
HBK	Hornbake Library	E-4
HJP	H.J. Patterson Bldg.	D-3
HHP	Health & Human Performance	G-5
HZF	Holzapfel Hall	D-4
HOW	Howard Hall	B-3
IPT	Inst. For Phys. Science & Tech.	F-5
ITV	Instructional Television Facility	E-5
JMP	J.M. Patterson Hall	E-5
JMZ	Jimenez Hall	D-3
JRN	Journalism Building	D-3
JUL	Jull Hall	F-4
KNT	Kent Hall	B-3
KEY	Francis Scott Key Hall	D-3
LPA	La Plata Hall	G-4
LEF	LeFrak Hall	C-3
MCB	Microbiology Building	E-4
MCK	McKeldin Library	D-3
MMH	Marie Mount Hall	C-4
MNT	Montgomery Hall	A-4
MOR	Morrill Hall	C-3
MTH	Mathematics Building	D-5
NCC	Nymbruru Cultural Center	E-4
PGG	Prince George's Hall	B-3
PHY	Physics Building	D-4
PKT	Preinkert Field House	D-2
PLS	Plant Sciences Building	E-4
QAN	Queen Anne's Hall	D-3
RIT	Ritchie Coliseum	B-5
SQH	Susquehanna Hall	B-3
SHM	Shoemaker Hall	C-3
SHR	Shriver Lab	D-4
SKN	Skinner Building	C-3
SOM	Somerset Hall	D-3
SDH	South Campus Dining Hall	C-3
STM	St. Mary's Hall	E-3
SSU	Stamp Student Union	E-3
SYM	Symons Hall	D-4
TAL	Talbot Hall	C-3
TBA	To Be Arranged	
TLF	Taliaferro Hall	C-3
TYD	Tydings Hall	D-3
TUR	Turner Lab (Dairy)	C-5
TWS	Tawes Fine Arts Building	E-2
VMH	Van Munching Hall	C-2
WSH	Washington Hall	B-3
WIC	Wicomico Hall	C-3
WDS	Woods Hall	C-4
WTU	Wind Tunnel	D-5
WOR	Worcester Hall	D-3
ZOP	Zoology/Psychology Building	E-4


University of Maryland
College Park
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6
To Graduate Hills Apts.
19
Campus Drive
University Boulevard (MD193)
Adelphi Road
To Archives II
PGUC
347
University College
345
The Inn & Conference Center
Stamp Student Services Center
346
Tennis Bubble
R3
166
Golf Course Lot
University Golf Course
N
President's Residence
164
J.H. Kehoe Track & Field Complex
Ludwig Soccer Field
388
To U.S. 1
President's Drive
Construction Site for the Maryland Center for the Performing Arts
588
Valley Drive
Stadium Drive
Denton
Denton Dining Hall
251
Byrd Stadium
161
Construction Site
HH2
Ellicott
Ellicott Dining Hall
257
La Plata
Center for Young Children
Grounds
Health and Human Performance
PP1
PP2
PP3
MM1
MM2
N1
N2
N3
N4
S1
S2
S5
S7
2a
2b
2c
2d
2e
2f
2g
4a
4b
4c
4e
4f
4g
Shipley Field
Cole Field House
162
PG1
Z*
Z
AA
1a
1b
1c
1d
1e
1f
JJ1
A*2
A*1
Tawes Theatre
Tawes Benjamin
Art Sociology
Anne Arundel
Dorchester
St. Mary's
Jimmy
Journalism
McKeldin Library
HH1
H1
Stamp Student Union
Hornbake Library
Microbiology
Zoology Psychology
Plant Sciences
Physics
Mathematics
Engineering
Animal Science
Agriculture/Life Science Surge Bldg
Manufacturing
Neutral Buoyancy
Wind Tunnel
A.V. Williams
Energy Research
Chemistry
Shriver Lab
Symons
Holzapfel
Parking Garages 2, 3 & 4
Parking Garage 1
Lee Building Graduate Offices
071
Main Administration
077
Mitchell Building Registration Offices
052
Undergraduate Admissions
Rossborough Inn
Turner Hall
VISITOR CENTER
079
Ritchie Coliseum
Fraternities
Greek Row Intramural Fields
Chapel Intramural Fields
Engineering Intramural Fields
North Intramural Fields
Paint Branch Parkway
Baltimore Ave (US 1)
To 195/495
To Baltimore
Paint Branch Drive
Chesapeake Bldg.
Knox Road
Mowatt Lane
Jewish Student Center
College Park LDS Institute of Religion
Catholic Student Center
Preinkert Field House
Van Munching
Memorial Chapel
Regents Drive
Fraternity Drive
Police Service
Harrison Lab
Woods
Shoemaker
Talbot
Lefrak
Susquehanna
South Hill
Dance
Annapolis
Montgomery
Leonardtown
Wicomico
Somerset
Worcester
Caroline
Cecil
Kent
Queen Anne's
Talbot
Baltimore
Harford
Carroll
Frederick
Washington
Allegany
Garrett
Dorchester
St. Mary's
Calvert
Charles
Prince George's
Anne Arundel
Howard
Montgomery
Frederick
Carroll
Baltimore
Harford
Cecil
Kent
Queen Anne's
Caroline
Talbot
Dorchester
Wicomico
Somerset
Worcester

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Attention!!!

All University of Maryland Students...

We have the apartment home you want!

Greenbelt Area
Powder Mill Village
Woodland Landing

Silver Spring Area
Chateau
Hampshire Village
Hampshire West
Nob Hill
Silver Spring Towers
Twin Towers
University Gardens

UMD Graduate Student Housing
Graduate Hills & Graduate Gardens

Laurel Area
Middletowne
Laurel Park
Laurelton Court
Steward Manor

Hyattsville
Top of the Park
Highview Terrace
Fountain Park

New Carrollton Area
Capital View
Chestnut Ridge
Fountain Club
Wildercroft Terrace

SOUTHERN MANAGEMENT CORPORATION

For information on ALL these apartment communities...

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★ Stop by our office on the corner of Adelphi Rd. & University Blvd.

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APARTMENT LOCATORS
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EQUAL HOUSING OPPORTUNITY

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Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore!

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UM

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Southern's Powder Mill Village Apartments

$60.00 OFF

Each Month's Rent For ALL U of MD Students, Faculty and Staff

- Low Deposit
- Located less than 10 minutes from campus
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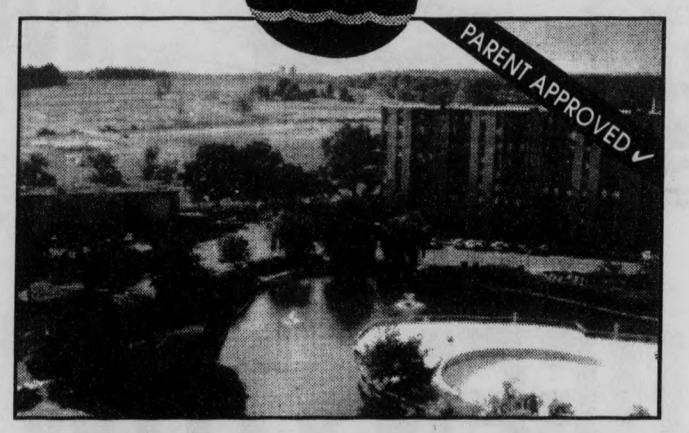
- Metro bus route to campus in easy walking distance
- All utilities included!
- Small pets accepted
- Extra large balconies and walk-out patios
- Easy access to I-95
- Added convenience of shopping and theatres nearby

SOUTHERN MANAGEMENT CORPORATION

(301) 937-1030

EQUAL HOUSING OPPORTUNITY



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- **FREE UTILITIES**; Flexible Lease terms Furnished Apartments Available
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- Mini convenience mall located in our village
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- Located 1/4 mile off Route 1 and the Beltway

Voted #1 place to live off-campus

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Directions from UM: North on Rt. 1, Left on Cherry Hill Rd., Continue 1.4 mile to Seven Spring Village on left.

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5% STUDENT DISCOUNT

FREE UTILITIES!

- **1, 2, 3, & 4 Bedroom Apartments & Townhomes**
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HAVE YOUR OWN SPACE AT SPRINGHILL LAKE!

BRING THIS COUPON FOR A **FREE** APPLICATION FEE.

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- **Flexible Lease Terms**
- **Furnished Available**

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REPORT CARD
Queenstown A+
All Others D-

We Won't Fail YOU at QUEENSTOWN

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- Picnic in Park
- Fish in Nearby Stream
- Dunk a Few Baskets on Nearby Court
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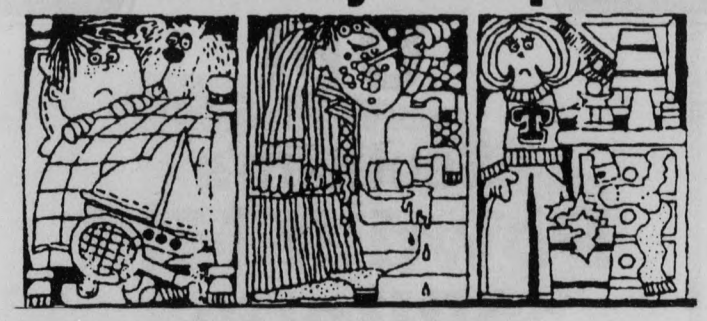
CALL BEFORE THE BELL RINGS
301-699-3090

FREE APPLICATION FEE
with this ad

Are You Suffering From A Dormitory Complex?



The symptoms are pretty obvious. Generic surroundings, cramped living space, headaches from constant interruption. It's clearly a case of the dormitory complex. Luckily, Greenwich Woods offers the perfect remedy...

YOUR OWN APARTMENT!!

at Greenwich Woods

Specials for UMD Students:
★ Security Deposit only $75.00 ★ 5% Off Rent ★ 9 Month School Term Lease
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Individual Washer/Dryer • Wall to Wall carpeting • Swimming Pool
• 24 Hour Maintenance Guarantee • Gas included in the rent
• 25% Rent Equity
UM Shuttle Service 18 Times Per Day

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Directions: From campus turn right on Adelphi Road. Go to end and turn right onto New Hampshire Ave. Proceed to first traffic light. Turn right on Oakview Dr. 1 block to Greenwich Woods.

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$60.00 Off Monthly Rent

ATTENTION!!! ALL UM STUDENTS

1 BR's STARTING AT $540.00
2 BR's STARTING AT $645.00

- Walk to campus • UM Shuttle • Metro Bus Property
- Largest floor plans in the area • 30 day satisfactory guarantee
- Free house warming gifts • Pool, BBQ grills, Picnic areas
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Ask About Our VIP Advantage
(reserve your apartment for four months at todays rate)

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- *Efficiency, 1, 2 & 3 bedroom apts., some w/dens*
- *Modern, well designed kitchens (some w/dishwasher)*
- *Cathedral ceilings (top levels)*
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- *Walking distance to Prince Georges Plaza Mall*
- *Pool & tennis court*

Rental Office 301-559-5041

Time's running out, so make your break for

EQUAL HOUSING OPPORTUNITY

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YOUR SIGN OF BETTER LIVING
www.gradymgt.com

BELCREST PLAZA APARTMENTS

From Campus Drive, turn left on Adelphi Road. Continue about one mile to Belcrest Road and turn right, then right again onto Toledo Terrace to the Belcrest Plaza rental office on your right.

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Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore! Apartments Galore!

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the Chateau

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Regular One Bedroom Apartment Is Almost 1,000 Square Feet!

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Apartment Features:

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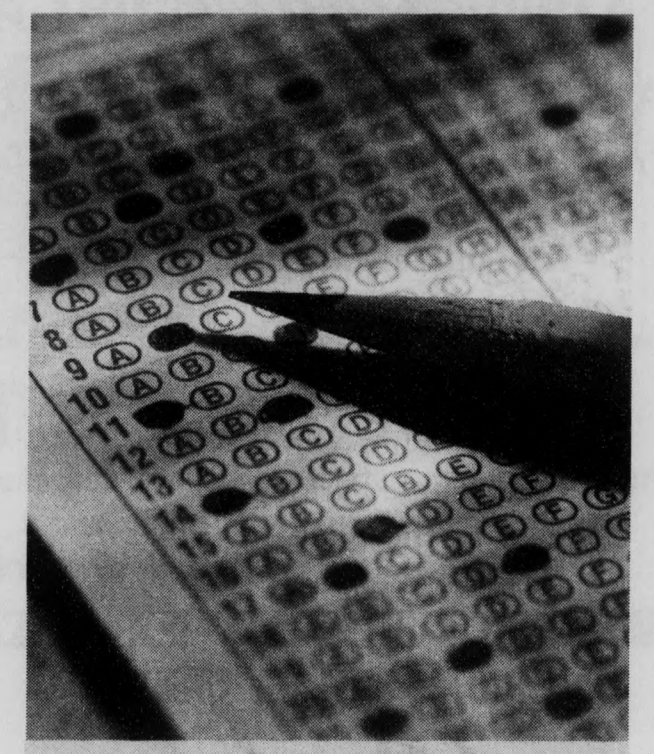
Is Molecular Genetics meeting where you thought you'd find Differential Equations? Where did your class go? Quick, grab the nearest computer and check for changes on...

The World Wide Web

http://www.testudo.umd.edu

The Schedule of Classes is on the Web and updated nightly. Access it from any Wam lab or telnet to INFORM. It's easy, it's fast, it's accurate!



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Virtual Electronic Network University Scheduler

Location: http://www.ads-rr.umd.edu/V/venus.html

Cover Page: http://www.ads-rr.umd.edu/V/V.html

New Version Available!

Venus has been upgraded to version 2 as of Spring 1996. There are several new features that debut in this version which should significantly increase the power of Venus to create custom student schedules. Listed below are some of the new features:

CoreBoy

CoreBoy lets you view and choose core courses for consideration in the schedules you build. You can choose from among the different core categories (HL, MS, etc) available. To access CoreBoy, simply include "CORE" as one of your required or supplementary courses. From there on, CoreBoy shows you the available core courses and allows you to select the ones you wish to consider.

The Joker

The Joker lets you use wildcards to specify courses and even sections you wish to consider. This means that you can now point and click the courses and sections you wish to include in your schedule. Access the Joker by using a wildcard in a required or supplementary course. For example, "AR*" will let you pick from all courses which start with "AR" (ARTH, ARCH, ARTT, etc). A more specific wildcard, such as "BIOL105*" will let you pick from all courses that start with "BIOL105".

Point and Click Interface

Now, instead of having to know which courses you wish to take before using Venus, you can let Venus display a "checkable" version of the Schedule of Classes. Both CoreBoy and The Joker display courses in the same format as the Schedule of Classes, with the added feature that you can check off the courses and sections you wish to consider. Instead of referencing the Schedule of Classes or Seats prior to using Venus, you can now start your scheduling straight from Venus, using the built-in Schedule of Classes support and the integrated Seats data.

Direct Schedule Printout

By popular demand, Venus brings you Direct Schedule Printout, fondly known as the "Mitchell Schedule". From the Venus toolbar at the bottom of Venus pages, choose "Direct Printout" to access this feature. Direct Schedule Printout allows you to print out a schedule without having to first go through the many scheduling features of Venus. Simply enter course and section specifications, and Direct Schedule Printout will render a printable schedule on the spot.

More Information

For more information regarding the new features, read the "New Additions" page at "http://www.ads-rr.umd.edu/V/newadd.html". The "New Additions" page will provide you with further details on the use of new features.

What is Venus?

"VENUS" is the Virtual Electronic Network University Scheduler. It creates schedules for students at the University of Maryland. Venus can be used from any computer with Internet access. Using Netscape, a hypertext browser which can be run from WAM computer labs, students can use Venus as a convenient tool to relieve hours of scheduling-building effort and frustration.

What are the basic concepts?

Venus produces schedules by considering all the possible schedules that could be produced with the courses that a student specifies. All the student has to do is enter the courses which he/she is considering. Venus then assembles all the possible combinations of all the sections of the courses specified by the student. The student can then look over the resulting schedules and pick his/her favorite.

How is Venus accessed?

1. From a computer at a WAM lab, choose "WorldWide Web" from the main menu. Select "Netscape".

2. From within Netscape, choose "Open Location" under in the File menu. Type in the following exactly as printed (capital / lower case is important), omitting the quotations:

"http://www.ads-rr.umd.edu/V/venus.html"

3. After getting into Venus, navigate the screens by clicking with the mouse on buttons or highlighted links. For instance, to use the Regular Form, click on the button at the bottom of Venus' cover page that is labeled "Regular Form". New users should click on the button labeled "Tutorial" for more information.

A quick guide on using Venus

The following information is a brief tutorial on using the Regular Form on Venus. Other forms are also available. The online tutorial provides more in-depth information, and should be consulted in case of uncertainty.

Required Courses - those courses which are absolutely necessary in a student's schedule. These courses will end up appearing in every schedule generated by Venus, if the student enters them as "required". For instance, a senior who needs to take English in order to graduate will enter ENGL393 as a required course.

Supplementary Courses - those courses which are not absolutely essential, but are included on an "if-possible" basis. Most courses for a typical student belong in this category.

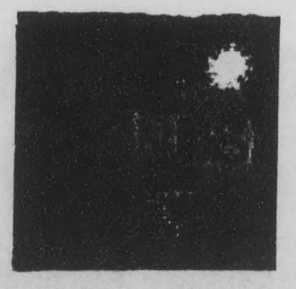
Minimum Credits / Maximum Credits - the minimum and maximum number of credts that the student wishes to consider. Venus will only return schedules which fit the credit requirements set by the student. For instance, if a student specifies a minimum credit level of 12 and a maximum credit level of 15, Venus will only return schedules having at least 12 credits but not exceeding 15 credits.

Waitlist Length - the maximum waitlist length that the student wishes to consider. For instance, if a student does not wish to consider any sections that are full, he/she would enter "0" as the waitlist length. Or, if a student wishes to consider sections with waitlists only if the waitlists are shorter than 3 students, he/she would enter "3" as the waitlist length.

Maximum Returns - the maximum number of schedules that Venus returns. If a student wishes only to see the first 10 possible schedules, he/she would enter "10" as the maximum returns.

Contact the Author

The author of Venus is Philip Su, an undergraduate student at the University of Maryland. He developed Venus under the authority of Academic Data Systems in the Mitchell Building. The author can be reached most easily by email, at the following address: phils@wam.umd.edu. All communications regarding Venus should be directed towards the author.



Virtual Electronic Network University Scheduler

The Future of Student Scheduling

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- View and/or Print Unofficial Transcripts

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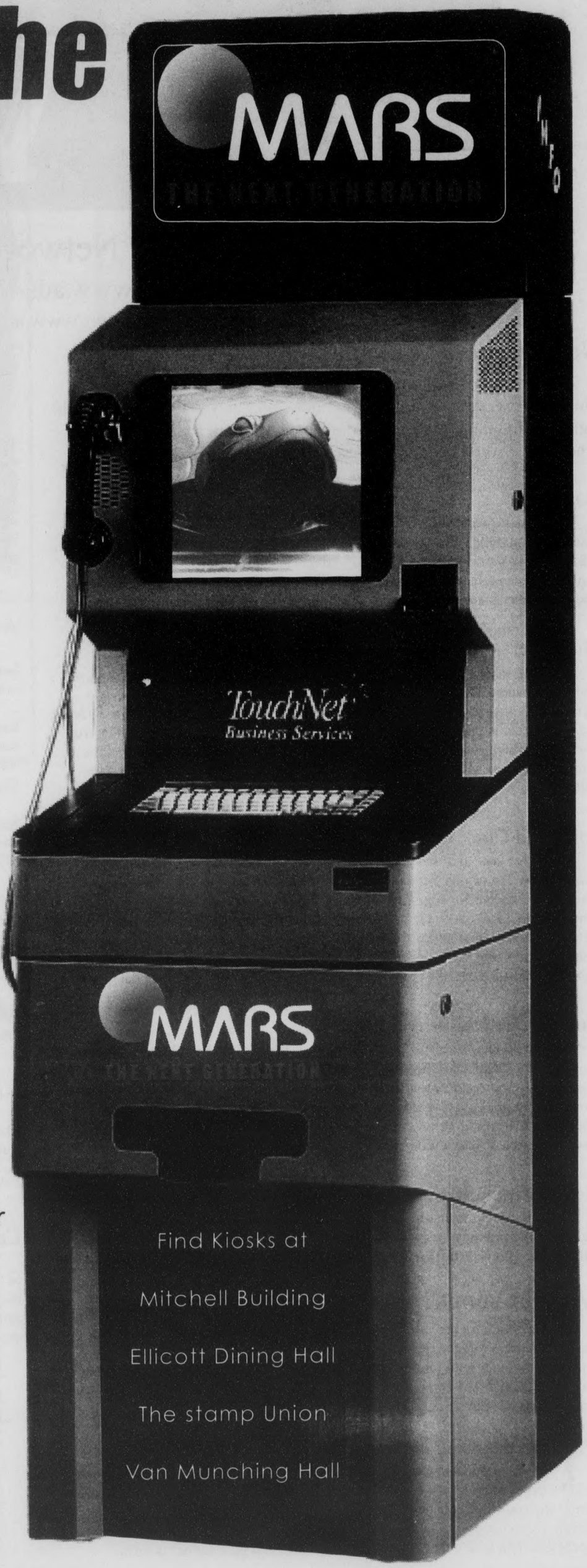

For help, comments or suggestions call 314-1600 or send e-mail to mars@deans.umd.edu

(CHEM113 cont'd)

4321 **(08097)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1212) Lab
Tu 1:00pm-1:50pm (CHE 2140) Dis

4327 **(08098)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1212) Lab
Tu 1:00pm-1:50pm (EGR 3111) Dis

4331 **(08099)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
W 8:00am-10:50am (CHM 1128) Lab
Tu 2:00pm-2:50pm (EGR 3111) Dis

4334 **(08100)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1128) Lab
Tu 2:00pm-2:50pm (CHM 0124) Dis

4337 **(08101)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1212) Lab
Tu 2:00pm-2:50pm (EGR 1102) Dis

4347 **(08102)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1128) Lab
Tu 2:00pm-2:50pm (PLS 1162) Dis

4511 **(08103)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1208) Lab
Tu 1:00pm-1:50pm (JMZ 2206) Dis

4517 **(08104)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1208) Lab
Tu 1:00pm-1:50pm (JMZ 2206) Dis

4521 **(08105)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1208) Lab
Tu 1:00pm-1:50pm (CHE 2145) Dis

4527 **(08106)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1208) Lab
Tu 1:00pm-1:50pm (EGR 1102) Dis

4537 **(08107)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1208) Lab
Tu 2:00pm-2:50pm (CHM 0119) Dis

4541 **(08108)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1208) Lab
Tu 2:00pm-2:50pm (CHE 2120) Dis

4544 **(08109)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1111) Lab
Tu 2:00pm-2:50pm (CHM 0122) Dis

4545 **(08110)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1208) Lab
Tu 2:00pm-2:50pm (PLS 1180) Dis

4547 **(08111)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1208) Lab
Tu 1:00pm-1:50pm (EGR 0102) Dis

4551 **(08112)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
F 8:00am-10:50am (CHM 1208) Lab
Tu 2:00pm-2:50pm (CHM 0119) Dis

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8101 **(*****)** Dusold, L.
M 6:30pm-10:30pm (PHY 4220)
W 6:30pm-10:30pm (Arranged) Lab

Section 8101 is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccaluareate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu

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CHEM113+ General Chemistry II; (4) REG/P-F/AUD. CORE: PL *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* Restricted to students in an Engineering Cluster or College Park Scholars - Life Sciences.

4144 **(08124)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1110) Lab
Tu 9:00am-9:50am (EGR 3114) Dis
Restricted to College Park Scholars - Life Sciences.

4224 **(08125)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1212) Lab
Th 8:00am-8:50am (EGR 0104) Dis
Restricted to College Park Scholars - Life Sciences.

4247 **(08126)** DeVoe, H.
MWF 10:00am-10:50am (CHM 1407)
Th 3:00pm-5:50pm (CHM 1111) Lab
Th 9:00am-9:50am (EGR 0102) Dis
Restricted to College Park Scholars - Life Sciences.

4344 **(08128)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1128) Lab
Tu 1:00pm-1:50pm (PHY 1219) Dis
Restricted to College Park Scholars - Life Sciences.

CHEM113H General Chemistry II; (4) REG/P-F/AUD. CORE: PL *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* For general honors students only. Laboratory sessions will begin after the first lecture.

0414 **(08139)** Walters, W.
MWF 10:00am-10:50am (CHM 1402)
M 12:00pm-2:50pm (CHM 1110) Lab
W 12:00pm-12:50pm (CHM 0128) Dis

0417 **(08140)** Walters, W.
MWF 10:00am-10:50am (CHM 1402)
M 3:00pm-5:50pm (CHM 1110) Lab
W 3:00pm-3:50pm (CHM 0128) Dis

0421 **(08141)** Walters, W.
MWF 10:00am-10:50am (CHM 1402)
Tu 8:00am-10:50am (CHM 1110) Lab
W 1:00pm-1:50pm (CHM 0128) Dis

0424 **(08142)** Walters, W.
MWF 10:00am-10:50am (CHM 1402)
Tu 12:00pm-2:50pm (CHM 1110) Lab
W 2:00pm-2:50pm (CHM 0128) Dis

CHEM121 Chemistry in the Modern World; (3) REG/P-F/AUD. CORE: PS *Credit will be granted for only one of the following: CHEM 102, or CHEM 103, or CHEM 105, or CHEM 107, or CHEM 111, or CHEM 121.* CORE Distributive Studies Physical Science Non-Lab Course. CORE Distributive Studies Physical Science Lab Course when taken concurrently with CHEM 122.

0114 **(08152)** Munn, R.
MWF 11:00am-11:50am (CHM 0119)
Tu 10:00am-10:50am (CHM 0122) Dis

0134 **(08153)** Munn, R.
MWF 11:00am-11:50am (CHM 0119)
Tu 11:00am-11:50am (CHM 0124) Dis

CHEM133 General Chemistry for Engineers; (4) REG/P-F/AUD. *Prerequisite: one year of high school chemistry. Corequisite: MATH 140. For ENGR majors only. Not open to students who have completed CHEM 102, CHEM 103, CHEM 107, CHEM 111, CHEM 113, CHEM 143 or CHEM 153.*

6117 **(08163)** Miller, G.
MWF 2:00pm-2:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1122) Lab
M 11:00am-11:50am (EGR 3114) Dis

6124 **(08164)** Miller, G.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1122) Lab
M 11:00am-11:50am (EGR 3102) Dis

6127 **(08165)** Miller, G.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1119) Lab
M 11:00am-11:50am (CHM 0127) Dis

6137 **(08166)** Miller, G.
MWF 2:00pm-2:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1119) Lab
M 12:00pm-12:50pm (CHM 0127) Dis

6144 **(08167)** Miller, G.
MWF 2:00pm-2:50pm (CHM 1407)
Th 12:00pm-2:50pm (CHM 1122) Lab
M 12:00pm-12:50pm (EGR 0104) Dis

6147 **(08168)** Miller, G.
MWF 2:00pm-2:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1122) Lab
M 12:00pm-12:50pm (CHE 2145) Dis

CHEM153 General and Analytical Chemistry II; (5) REG/P-F/AUD. *Prerequisite: CHEM 143 with grade of C or better. For CHEM and BCHM majors only. Credit will be granted for only one of the following: CHEM 102, CHEM 122, CHEM 113.*

1421 **(08178)** Bellama, J.
MWF 10:00am-10:50am (CHM 0127)
TuTh 8:00am-10:50am (CHM 3226) Lab
Tu 3:00pm-3:50pm (CHM 0128) Dis

1424 **(08179)** Bellama, J.
MWF 10:00am-10:50am (CHM 0127)
TuTh 12:00pm-2:50pm (CHM 3226) Lab
Tu 3:00pm-3:50pm (CHM 0128) Dis

CHEM227 Inorganic and Analytical Chemistry Lab; (4) REG/P-F/AUD. *Prerequisite: CHEM 113.*

1417 **(08190)** Rebbert, R.
MW 2:00pm-2:50pm (CHM 1402)
MW 3:00pm-5:50pm (CHM 3226) Lab

1427 **(08191)** Rebbert, R.
MW 2:00pm-2:50pm (CHM 1402)
TuTh 3:00pm-5:50pm (CHM 3226) Lab

CHEM233 Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Laboratory sessions will begin after the first lecture.

7111 **(08201)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
M 8:00am-10:50am (CHM 1221) Lab
W 1:00pm-1:50pm (ARM 0103) Dis

7114 **(08202)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1221) Lab
W 1:00pm-1:50pm (HJP 1229) Dis

7115 **(08203)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1227) Lab
W 1:00pm-1:50pm (ZOP 1236) Dis

7117 **(08204)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1221) Lab
W 1:00pm-1:50pm (PLS 1130) Dis

7118 **(08205)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1227) Lab
W 1:00pm-1:50pm (HJP 2242) Dis

7121 **(08206)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1227) Lab
W 1:00pm-1:50pm (JRN 1104) Dis

7122 **(08207)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1221) Lab
W 1:00pm-1:50pm (COL 3112) Dis

7127 **(08208)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1221) Lab
W 1:00pm-1:50pm (CHM 0119) Dis

7131 **(08209)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1221) Lab
W 1:00pm-1:50pm (Arranged) Dis

7137 **(08210)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1221) Lab
W 1:00pm-1:50pm (Arranged) Dis

7138 **(08211)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1227) Lab
W 1:00pm-1:50pm (Arranged) Dis

7141 **(08212)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1227) Lab
W 1:00pm-1:50pm (Arranged) Dis

7151 **(08213)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
F 8:00am-10:50am (CHM 1227) Lab
W 1:00pm-1:50pm (Arranged) Dis

7154 **(08214)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1221) Lab
W 1:00pm-1:50pm (Arranged) Dis

7155 **(08215)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1227) Lab
W 1:00pm-1:50pm (Arranged) Dis

CHEM233M *(PermReq)* **Organic Chemistry I; (4)** REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Prerequisite: CHEM 233 taken within twelve months of the semester in which CHEM 233M is taken. A student is eligible to take this course only if the lab scores received in CHEM 233, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 233M.

7111 **(08225)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (ARM 0103) Dis

7115 **(08227)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (ZOP 1236) Dis

7117 **(08228)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (PLS 1130) Dis

7121 **(08229)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (JRN 1104) Dis

7122 **(08230)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (COL 3112) Dis

7127 **(08231)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0119) Dis

7131 **(08232)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (Arranged) Dis

7137 **(08233)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (PLS 1119) Dis

7138 **(08234)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (PLS 1162) Dis

7141 **(08235)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (Arranged) Dis

7151 **(08236)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (Arranged) Dis

7154 **(08237)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (Arranged) Dis

7155 **(08238)** Ammon, H.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (Arranged) Dis

CHEM243 Organic Chemistry II; (4) REG/P-F/AUD. *Prerequisite: CHEM 233. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Laboratory sessions will begin after the first lecture.

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8101 **(*****)** Fribush, H.
M 6:30pm-9:30pm (PLS 1130)
W 7:30pm-10:30pm (Arranged) Lab
W 6:30pm-7:30pm (PLS 1184) Dis

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8114 **(08251)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1233) Lab
Tu 1:00pm-1:50pm (CHM 0128) Dis

8115 **(08252)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1224) Lab
Tu 1:00pm-1:50pm (COL 3110) Dis

8117 **(08253)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1233) Lab
Tu 1:00pm-1:50pm (ZOP 1124) Dis

8121 **(08254)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1216) Lab
Tu 1:00pm-1:50pm (HJP 2242) Dis

8127 **(08255)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1224) Lab
Tu 1:00pm-1:50pm (MTH 0201) Dis

8128 **(08256)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 3:00pm-5:50pm (CHM 1233) Lab
Tu 1:00pm-1:50pm (CHM 0127) Dis

8134 **(08257)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1233) Lab
Tu 2:00pm-2:50pm (CHM 2201) Dis

8135 **(08258)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1224) Lab
Tu 2:00pm-2:50pm (EGR 3106) Dis

8137 **(08259)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1224) Lab
Tu 2:00pm-2:50pm (MTH 0105) Dis

8144 **(08260)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1233) Lab
Tu 2:00pm-2:50pm (MTH 0307) Dis

8145 **(08261)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Th 12:00pm-2:50pm (CHM 1224) Lab
Tu 2:00pm-2:50pm (PHY 0405) Dis

8154 **(08262)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1233) Lab
Tu 2:00pm-2:50pm (PHY 4220) Dis

8211 **(08263)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1216) Lab
Th 1:00pm-1:50pm (CHM 0127) Dis

8212 **(08264)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1224) Lab
Th 1:00pm-1:50pm (CHM 0128) Dis

8217 **(08265)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1224) Lab
Th 1:00pm-1:50pm (ARM 0116) Dis

8221 **(08266)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1224) Lab
Th 1:00pm-1:50pm (JMZ 2206) Dis

8224 **(08267)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1224) Lab
Th 1:00pm-1:50pm (MTH 0201) Dis

8225 **(08268)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:00pm-2:50pm (CHM 1233) Lab
Th 1:00pm-1:50pm (COL 3112) Dis

8231 **(08269)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1233) Lab
Th 2:00pm-2:50pm (CHM 2201) Dis

8232 **(08270)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1224) Lab
Th 2:00pm-2:50pm (CHM 0128) Dis

8237 **(08271)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1233) Lab
Th 2:00pm-2:50pm (EGR 3106) Dis

8241 **(08272)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1233) Lab
Th 2:00pm-2:50pm (MTH 0105) Dis

8247 **(08273)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1233) Lab
Th 2:00pm-2:50pm (MTH 0307) Dis

8248 **(08274)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:00pm-5:50pm (CHM 1224) Lab
Th 2:00pm-2:50pm (PHY 0405) Dis

CHEM243M *(PermReq)* **Organic Chemistry II; (4)** REG/P-F/AUD. *Prerequisite: CHEM 233. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Prerequisite: CHEM 243 taken within twelve months of the semester in which CHEM 243M is taken. A student is eligible to take this course only if the lab scores received in CHEM 243, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 243M.

8114 **(08284)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CHM 0128) Dis

8115 **(08285)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (COL 3110) Dis

8117 **(08286)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (ZOP 1124) Dis

8121 **(08287)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (Arranged) Dis

8127 **(08288)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (Arranged) Dis

8128 **(08289)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 1:00pm-1:50pm (CHM 0127) Dis

8134 **(08290)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (CHM 2201) Dis

8135 **(08291)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (EGR 3106) Dis

8137 **(08292)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (MTH 0105) Dis

8144 **(08293)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (MTH 0307) Dis

8145 **(08294)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (PHY 0405) Dis

8154 **(08307)** Mazzocchi, D.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (PHY 4220) Dis

8211 **(08295)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 1:00pm-1:50pm (CHM 0127) Dis

8212 **(08296)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 1:00pm-1:50pm (CHM 0128) Dis

8217 **(08297)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 1:00pm-1:50pm (ARM 0116) Dis

8221 **(08298)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 1:00pm-1:50pm (JMZ 2206) Dis

8224 **(08299)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 1:00pm-1:50pm (MTH 0201) Dis

8225 **(08300)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 1:00pm-1:50pm (COL 3112) Dis

8231 **(08301)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (CHM 2201) Dis

8232 **(08302)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (CHM 0128) Dis

8237 **(08303)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (EGR 3106) Dis

8241 **(08304)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (MTH 0105) Dis

8247 **(08305)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (MTH 0307) Dis

8248 **(08306)** Falvey, D.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (PHY 0405) Dis

CHEM247 Principles of Organic Chemistry II; (4) REG/P-F/AUD. *Prerequisite: CHEM 237 or permission of department. For CHEM, BCHM, and ENCH majors and honors students only. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.*
0814 **(08316)** Davis, J.
MWF 9:00am-9:50am (CHM 0115)
M 1:00pm-5:00pm (CHM 1216) Lab
Tu 10:00am-10:50am (CHE 2136) Dis
0824 **(08317)** Davis, J.
MWF 9:00am-9:50am (CHM 0115)
Tu 1:00pm-5:00pm (CHM 1216) Lab
Tu 10:00am-10:50am (EGR 3111) Dis
0834 **(08318)** Davis, J.
MWF 9:00am-9:50am (CHM 0115)
W 1:00pm-5:00pm (CHM 1216) Lab
Tu 11:00am-11:50am (CHM 0128) Dis
0844 **(08319)** Davis, J.
MWF 9:00am-9:50am (CHM 0115)
Th 1:00pm-5:00pm (CHM 1216) Lab
Tu 11:00am-11:50am (EGR 3111) Dis

CHEM395 Professional Issues in Chemistry and Biochemistry; (1) S-F. *Junior standing. For CHEM and BCHM majors only.*
0101 **(08329)** Freeman, D.
Th 11:00am-11:50am (CHM 1402)

CHEM398 *(PermReq)* **Special Projects; (2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Consult with Dr. Berkowitz.

CHEM399 *(PermReq)* **Introduction to Chemical Research; (1-3)** REG/P-F/AUD. CORE: CS Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Berkowitz.

CHEM401 Inorganic Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.*
0101 **(08431)** Grim, S.
MWF 10:00am-10:50am (CHM 0119)

CHEM425 Instrumental Methods of Analysis; (3) REG/P-F/AUD. *Prerequisite: CHEM 227 or CHEM 153.*
0101 **(08441)** Bond, C.
Tu 8:00am-8:50am (CHM 0119)
MW 1:00pm-4:00pm (CHM 3205) Lab
0102 **(08442)** Bond, C.
Tu 8:00am-8:50am (CHM 0119)
TuTh 1:00pm-4:00pm (CHM 3205) Lab
0104 **(08443)** Bond, C.
Tu 8:00am-8:50am (CHM 0119)
TuTh 9:00am-12:00pm (CHM 3205) Lab
0105 **(08444)** Bond, C.
Tu 8:00am-8:50am (CHM 0119)
MW 6:00pm-9:10pm (CHM 3205) Lab
0109 **(08445)** Bond, C.
Tu 8:00am-8:50am (CHM 0119)
TuTh 6:00pm-9:00pm (CHM 3205) Lab

CHEM450 Ethics in Science and Engineering; (3) REG. *Prerequisite: 8 credits laboratory science or permission of department.*
0101 **(08455)** Greer, S.
Th 1:30pm-4:00pm (CHE 2118)

CHEM460 Structure Determination Using Spectroscopic Methods; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247. Formerly CHEM 660.*
0101 **(08465)** Jarvis, B.
MWF 10:00am-10:50am (CHM 0128)

CHEM481 Physical Chemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153 or CHEM 133; and MATH 141; and PHYS 142.*
0101 **(08475)** Murphy, T.
MWF 8:00am-8:50am (CHM 0115)

CHEM482 Physical Chemistry II; (3) REG/P-F/AUD. *Prerequisite: CHEM 481.*
0101 **(08485)** Khanna, R.
MWF 8:00am-8:50am (CHM 1402)
0201 **(08486)** Khanna, R.
MWF 9:00am-9:50am (CHM 1402)

CHEM483 Physical Chemistry Laboratory I; (2) REG/P-F/AUD. *Corequisite: CHEM 481.* Rooms for second lab times are to be arranged for all sections.
0101 **(08496)** Rebbert, R.
M 2:00pm-4:50pm (Arranged) Lab
M 1:00pm-1:50pm (CHM 1402) Dis
0102 **(08497)** Rebbert, R.
Tu 2:00pm-4:50pm (Arranged) Lab
Tu 1:00pm-1:50pm (CHM 1402) Dis
0103 **(08498)** Rebbert, R.
W 2:00pm-4:50pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 1402) Dis
0104 **(08499)** Rebbert, R.
Th 2:00pm-4:50pm (Arranged) Lab
Th 1:00pm-1:50pm (CHM 1402) Dis

CHEM484 Physical Chemistry Laboratory II; (2) REG/P-F/AUD. *Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482.* Rooms for second lab times are to be arranged for all sections.
0101 **(08509)** Reutt-Robey, J.
Tu 2:00pm-4:50pm (Arranged) Lab
Tu 1:00pm-1:50pm (CHM 2201) Dis
0102 **(08510)** Reutt-Robey, J.
W 2:00pm-4:50pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 2201) Dis

CHEM487 Computer Applications in the Biological and Chemical Sciences; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 and CHEM 287 or equivalent; and knowledge of a scientific programming language (PASCAL, FORTRAN or "C").*
0111 **(08520)** Murphy, T.
MWF 11:00am-11:50am (CHM 0124)
M 3:00pm-5:50pm (Arranged) Lab

CHEM498B Special Topics in Chemistry: The Periodic Table: S and P Block Elements; (3) REG/P-F/AUD.
0101 **(08530)** Boyd, A.
MWF 9:00am-9:50am (CHM 0128)

CHEM602 Advanced Inorganic Chemistry II; (3) REG/AUD. *Prerequisite: CHEM 601 or permission of instructor.*
0101 **(08540)** Pilato, R.
MWF 10:00am-10:50am (CHM 2201)

CHEM608 Selected Topics in Inorganic Chemistry: X-Ray Crystallography in Chemistry; (3) REG/AUD.
0101 **(08550)** Eichhorn, B.
Time and room to be arranged

CHEM623 Optical Methods of Quantitative Analysis; (3) REG/AUD. *Prerequisites: CHEM 421 and CHEM 482 or equivalent.*
0101 **(08560)** O'Haver, T.
MWF 2:00pm-2:50pm (CHM 0124)

CHEM647 Organic Synthesis; (3) REG/AUD.
0101 **(08580)** DeShong, P.
MWF 8:00am-8:50am (CHM 2201)

CHEM650 Problems in Organic Synthesis; (1) REG/AUD.
0101 **(08590)** DeShong, P.
F 12:00pm-12:50pm (CHM 0128)

CHEM678 Special Topics in Environmental Chemistry: Atmosphere Chemistry; (3) REG/AUD.
0101 **(08600)** Ondov, J.
TuTh 3:30pm-5:00pm (CHM 2201)

CHEM687 Statistical Mechanics and Chemistry; (3) REG/AUD. *Prerequisite: CHEM 684 or equivalent.*
0101 **(08620)** Thirumalai, D.
TuTh 9:30am-10:45am (CHM 0124)

CHEM691 Quantum Chemistry II; (3) REG/AUD. *Prerequisite: CHEM 690 or PHYS 622.*
0101 **(08630)** Weiner, J.
TuTh 12:30pm-1:45pm (CHM 0124)

CHEM699 Special Problems in Chemistry; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates.

CHEM705 Nuclear Chemistry; (3) REG/AUD.
0101 **(08686)** Mignerey, A.
MWF 10:00am-10:50am (CHM 0124)

CHEM723 Marine Geochemistry; (3) REG/AUD. *Prerequisite: CHEM 481 or equivalent.*
0101 **(08696)** Helz, G.
TuTh 12:30pm-1:45pm (CHM 0119)

CHEM729 Special Topics in Geochemistry; (1) REG/AUD.
0101 **(08706)** Helz, G.
M 12:00pm-1:00pm (CHM 0122)

CHEM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

CHEM898A Seminar: Analytical, Nuclear and Environmental Chemistry; (1) REG/AUD.
0101 **(08762)** STAFF
F 3:00pm-5:00pm (CHM 0128)

CHEM898C Seminar: Inorganic Chemistry; (1) REG/AUD.
0101 **(08772)** Eichhorn, B.
W 2:00pm-2:50pm (CHM 2201)

CHEM898D Seminar: Organic Chemistry; (1) REG/AUD.
0101 **(08782)** Rokita, S.
Tu 4:00pm-4:50pm (CHM 0128)

CHEM898E Seminar: Physical Chemistry; (1) REG/AUD.
0101 **(08792)** Thirumalai, D.
W 4:00pm-6:00pm (CHM 0128)

CHEM898F Seminar: Chemical Physics; (1) REG/AUD.
0101 **(08802)** Thirumalai, D.
W 4:00pm-6:00pm (CHM 0128)

CHEM898G Seminar: Physical Organic Chemistry; (1) REG/AUD.
0101 **(08812)** Falvey, D.
Time and room to be arranged

CHEM898I Seminar: Transition Metal Chemistry; (1) REG/AUD.
0101 **(08822)** Poli, R.
Time and room to be arranged

CHEM898J Seminar: Natural Products; (1) REG/AUD. Contact instructor to make arrangements.
0101 **(08832)** Jarvis, B.
Time and room to be arranged

CHEM898M Seminar: Structure and Reactivity of Biopolymers; (1) REG/AUD.
0101 **(08842)** Rokita, S.
Time and room to be arranged

CHEM898N Seminar: Phosphorus Chemistry; (1) REG/AUD. Contact instructor to make arrangements.
0101 **(08852)** Grim, S.
Time and room to be arranged

CHEM898O Seminar: Natural Water Chemistry; (1) REG/AUD. Contact instructor to make arrangements.
0101 **(08862)** Helz, G.
Time and room to be arranged

CHEM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

CHIN Chinese
(Arts and Humanities)

Non-majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN102 *(PermReq)* **Elementary Spoken Chinese; (3)** REG/P-F/AUD. *Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(08967)** Brown, W.
MWF 10:00am-10:50am (JMZ 1109)
0201 **(08968)** Brown, W.
MWF 11:00am-11:50am (JMZ 1109)

CHIN103 *(PermReq)* **Elementary Written Chinese; (3)** REG/P-F/AUD. *Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(08978)** Wu, J.
MWF 2:00pm-2:50pm (JMZ 1123)
0201 **(08979)** STAFF
MWF 9:00am-9:50am (JMZ 1104)

CHIN203 *(PermReq)* **Intermediate Spoken Chinese II; (3)** REG/P-F/AUD. *Prerequisite: CHIN 201 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(08989)** STAFF
MWF 10:00am-10:50am (JMZ 1123)

CHIN204 *(PermReq)* **Intermediate Written Chinese II; (3)** REG/P-F/AUD. *Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(08999)** Brown, W.
MWF 12:00pm-12:50pm (JMZ 1103)

CHIN205 *(PermReq)* **Intermediate Chinese - Accelerated Track; (3)** REG/P-F/AUD. *Prerequisite: permission of department. Not open to students who have completed CHIN 201, CHIN 202, CHIN 203, or CHIN 204.*
0101 **(09009)** McGinnis, S.
MWF 10:00am-10:50am (JMZ 1104)

CHIN213 Chinese Poetry into English: An Introduction; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(09019)** Shields, A.
TuTh 9:30am-10:45am (JMZ 2206)

CHIN302 *(PermReq)* **Advanced Chinese II; (3)** REG/P-F/AUD. *Prerequisite: CHIN 301 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09029)** Shen, H.
MWF 11:00am-11:50am (JMZ 1103)

CHIN304 *(PermReq)* **Business Chinese II; (3)** REG/P-F/AUD. *Prerequisite: CHIN 303 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09039)** Shen, H.
MWF 2:00pm-2:50pm (JMZ 1104)

CHIN313 Chinese Poetry and Prose in Translation; (3) REG/P-F/AUD. DIVERSITY
0101 **(09049)** Shields, A.
TuTh 11:00am-12:15pm (JMZ 0120)

CHIN331 Chinese Calligraphy: Theory and Practice; (3) REG/P-F/AUD.
0101 **(09059)** Chin, T.
Th 2:00pm-4:30pm (MMH 1413)
0201 **(09060)** Chin, T.
Tu 2:00pm-4:30pm (MMH 1413)

CHIN402 *(PermReq)* **Readings in Modern Chinese II; (3)** REG/P-F/AUD. *Prerequisite: CHIN 401 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09070)** Shen, H.
MWF 1:00pm-1:50pm (JMZ 1123)

CHIN403 Classical Chinese I; (3) REG/P-F/AUD. *Prerequisite: CHIN 302.*
0101 **(09080)** Wu, J.
MWF 1:00pm-1:50pm (JMZ 1109)

CHIN415 Readings in Current Newspapers and Periodicals; (3) REG/P-F/AUD. *Prerequisite: CHIN 402 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09090)** Shen, H.
MWF 10:00am-10:50am (JMZ 1103)

CHIN421 Sounds and Transcriptions of Mandarin Chinese; (3) REG/P-F/AUD.
0101 **(09100)** Chin, T.
TuTh 11:00am-12:15pm (JMZ 1103)

CHIN499 *(PermReq)* **Directed Study in Chinese; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CHPH Chemical Physics
(Computer, Mathematical and Physical Sciences)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; (1) REG/AUD.
0101 **(09164)** Thirumalai, D.
W 4:00pm-6:00pm (CHM 0128)

CHPH709B Seminar in Chemical Physics: Statistical Physics; (1) REG/AUD.
0101 **(09174)** Kirkpatrick, T.
Tu 1:15pm-2:30pm (IPT 1116)

CHPH709C Seminar in Chemical Physics: Optical Interactions with Atoms, Molecules, and Plasmas; (1) REG/AUD.
0101 **(09184)** STAFF
Th 4:00pm-5:15pm (IPT 1116)

CHPH718A Special Topics in Chemical Physics: Current Topics in Surface Physics; (2) REG/AUD.
0101 **(09194)** Williams, E.
M 12:00pm-1:00pm (PHY 1304)
F 3:00pm-5:00pm (PHY 1402)

CHPH718B Special Topics in Chemical Physics: Fundamentals of Atomic, Molecular, and Optical Interactions I; (3) REG/AUD.
0101 **(09204)** Weiner, J.
WF 10:00am-11:15am (CHE 2116)

CHPH718C Special Topics in Chemical Physics: Methods of Statistical Physics; (3) REG/AUD.
0101 **(51730)** Fisher, M.
TuTh 9:00am-10:20am (PHY 1219)

CHPH718K Special Topics in Chemical Physics: Polymer Synthesis; (3) REG/AUD.
0101 **(51742)** Kofinas, P.
TuTh 3:30pm-4:45pm (CHE 2140)

CHPH718P Special Topics in Chemical Physics: Molecular Simulation Methods; (3) REG/AUD.
0101 **(51739)** Panagiotopoulos, A.
MW 2:00pm-3:15pm (PHY 1219)

CHPH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CHPH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CLAS Classics
(Arts and Humanities)

CLAS170 Greek and Roman Mythology; (3) REG/P-F/AUD. CORE: HL
0101 **(09292)** Doherty, L.
MW 11:00am-11:50am (MMH 1400)
F 1:00pm-1:50pm (MMH 3418) Dis
0102 **(09293)** Doherty, L.
MW 11:00am-11:50am (MMH 1400)
Th 11:00am-11:50am (JMZ 0103) Dis
0103 **(09294)** Doherty, L.
MW 11:00am-11:50am (MMH 1400)
Th 11:00am-11:50am (CHM 0124) Dis
0104 **(09295)** Doherty, L.
MW 11:00am-11:50am (MMH 1400)
Th 12:00pm-12:50pm (JMZ 1224) Dis
0105 **(09296)** Doherty, L.
MW 11:00am-11:50am (MMH 1400)
Th 1:00pm-1:50pm (JMZ 1224) Dis
0106 **(09297)** Doherty, L.
MW 11:00am-11:50am (MMH 1400)
F 10:00am-10:50am (PLS 1111) Dis
0107 **(09298)** Doherty, L.
MW 11:00am-11:50am (MMH 1400)
F 11:00am-11:50am (MMH 0108) Dis
0108 **(09299)** Doherty, L.
MW 11:00am-11:50am (MMH 1400)
F 12:00pm-12:50pm (KEY 0121) Dis
0201 **(09300)** Doherty, L.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (ARM 0121) Dis
0202 **(09301)** Doherty, L.
MW 10:00am-10:50am (MMH 1400)
Th 10:00am-10:50am (EGR 2112) Dis
0203 **(09302)** Doherty, L.
MW 10:00am-10:50am (MMH 1400)
Th 11:00am-11:50am (EGR 3102) Dis
0204 **(09303)** Doherty, L.
MW 10:00am-10:50am (MMH 1400)
F 9:00am-9:50am (MMH 0108) Dis
0205 **(09304)** Doherty, L.
MW 10:00am-10:50am (MMH 1400)
Th 9:00am-9:50am (ARM 0118) Dis
0206 **(09305)** Doherty, L.
MW 10:00am-10:50am (MMH 1400)
F 12:00pm-12:50pm (PLS 1162) Dis
0207 **(09306)** Doherty, L.
MW 10:00am-10:50am (MMH 1400)
Th 12:00pm-12:50pm (ARM 0118) Dis

CLAS271 Roman Literature in Translation; (3) REG/P-F/AUD. CORE: HL
0101 **(09316)** Rutledge, S.
MW 12:00pm-12:50pm (MMH 1400)
F 10:00am-10:50am (MMH 0108) Dis
0102 **(09317)** Rutledge, S.
MW 12:00pm-12:50pm (MMH 1400)
F 11:00am-11:50am (HBK 1108) Dis
0103 **(09318)** Rutledge, S.
MW 12:00pm-12:50pm (MMH 1400)
F 12:00pm-12:50pm (ARM 0103) Dis

CLAS320 Women in Classical Antiquity; (3) REG/P-F/AUD. DIVERSITY *Also offered as WMST 320. Credit will be granted for only one of the following: CLAS 320 or WMST 320.*
0101 **(09328)** Doherty, L.
MWF 2:00pm-2:50pm (ARM 0105)

CLAS330 Greek and Roman Religion; (3) REG/P-F/AUD.
0101 **(09338)** Stehle, E.
TuTh 11:00am-12:15pm (MMH 3418)

CLAS499 Independent Study in Classical Languages and Literatures; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CLAS699 *(PermReq)* **Independent Study in Classical Civilization; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CLAS799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

CMLT Comparative Literature
(Arts and Humanities)

CMLT214 Film Form and Culture; (3) REG/P-F/AUD. CORE: HA
0101 **(09414)** Hess, J.
MW 1:00pm-3:00pm (SQH 1120)
F 11:00am-11:50am (SQH 2121) Dis
0102 **(09415)** Hess, J.
MW 1:00pm-3:00pm (SQH 1120)
F 10:00am-10:50am (SQH 1119) Dis
0103 **(09416)** Hess, J.
MW 1:00pm-3:00pm (SQH 1120)
F 1:00pm-1:50pm (SQH 2120) Dis
0104 **(09417)** Hess, J.
MW 1:00pm-3:00pm (SQH 1120)
F 2:00pm-2:50pm (SQH 2120) Dis

CMLT235 Introduction to the Literatures of the African Diaspora; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Credit will be granted for only one of the following: CMLT 235 or ENGL 235.*
0101 **(09427)** Shields, T.
TuTh 2:00pm-3:15pm (DNC 1147A)

CMLT270 Global Literature and Social Change; (3) REG/P-F/AUD CORE: HL DIVERSITY
0101 **(09437)** Moriel, L.
MW 9:30am-10:45am (SQH 1107)
0201 **(09438)** Schroder, C.
MW 12:30pm-1:45pm (SQH 2120)
0301 **(09439)** Aurand, B.
TuTh 11:00am-12:15pm (COL 3111)
0401 **(09440)** Schroder, C.
MW 2:00pm-3:15pm (SQH 2122)
0501 **(09441)** Aurand, B.
TuTh 2:00pm-3:15pm (SQH 2120)
0601 **(09442)** Moriel, L.
MW 11:00am-12:15pm (SQH 2121)

CMLT275 World Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 275. Credit will be granted for only one of the following: CMLT 275 or WMST 275.*
0101 **(09452)** Shah, M.
TuTh 2:00pm-3:15pm (PLS 1119)
0201 **(09453)** Prime, M.
TuTh 11:00am-12:15pm (COL 3112)
0301 **(09454)** Voloshen, L.
MW 9:30am-10:45am (JRN 1105)
0401 **(09455)** Voloshen, L.
MW 12:30pm-1:45pm (SQH 1121)
0501 **(09456)** Parker, M.
TuTh 9:30am-10:45am (SQH 2122)

CMLT277 Literatures of the Americas; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(09465)** Collins, M.
TuTh 11:00am-12:15pm (PLS 1111)

CMLT280 Film Art in a Global Society; (3) REG/P-F/AUD. CORE: HA DIVERSITY *Prerequisite: CMLT 214 or equivalent.*
0101 **(09475)** Schaub, J.
TuTh 11:00am-12:15pm (SQH 2122)
M 6:30pm-9:00pm (SQH 1120) Lab
0201 **(09476)** Schaub, J.
TuTh 2:00pm-3:15pm (SQH 2122)
M 6:30pm-9:00pm (SQH 1120) Lab
0301 **(09477)** Cieply, S.
TuTh 9:30am-10:45am (SQH 1105)
M 6:30pm-9:00pm (SQH 1120) Lab

CMLT291 International Perspectives on Lesbian and Gay Studies; (3) REG/P-F/AUD.
0101 **(09487)** Silberman, S.
MW 2:00pm-3:15pm (SQH 1103)

CMLT298A *(PermReq)* **Topics in Comparative Studies: Ism(s): Video Art in Theory and Practice; (4)** REG/P-F/AUD.
0101 **(09488)** Householder, A.
MW 2:00pm-3:15pm (SQH 1101)
F 2:00pm-3:40pm (SQH 1101) Lab

CMLT488G Genres: Screenwriting; (3) REG/P-F/AUD.
0101 **(09497)** Lifton, M.
Tu 3:30pm-6:30pm (SQH 1111)
0201 **(09498)** Lifton, M.
Th 3:30pm-6:30pm (SQH 1111)

CMLT488J Genres: African American Women Filmmakers; (3) REG/P-F/AUD. DIVERSITY
0101 **(09508)** Coustaut, C.
MW 9:00am-10:50am (TWS 0147)

CMLT498C Selected Topics in Comparative Studies: Documentary Film: A History; (3) REG/P-F/AUD.
0101 **(09518)** Fuegi, J.
Tu 1:00pm-4:00pm (SQH 1120)

CMLT498G Selected Topics in Comparative Studies: "Digital Strategies: Narative on Screen"; (3) REG/P-F/AUD.
0101 **(09528)** Lifton, M.
TuTh 9:30am-10:45am (CSS 1410)

CMLT498L Selected Topics in Comparative Studies: Media, Culture and Celebrity; (3) REG/P-F/AUD
0101 **(09548)** Robinson, E.
MW 9:30am-10:45am (SQH 1120)

CMLT498N Selected Topics in Comparative Studies: Gypsy Culture; (3) REG/P-F/AUD.
0101 **(09558)** Robinson, E.
MW 1:00pm-2:15pm (JMZ 1122)

CMLT498U Selected Topics in Comparative Studies: Gay Issues in European Literature; (3) REG/P-F/AUD.
0101 **(09568)** MacBain, W.
TuTh 11:00am-12:15pm (JMZ 3120)

CMLT601 *(PermReq)* **Problems in Comparative Studies; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(09578)** Harrison, R.
Th 3:30pm-6:00pm (SQH 1103)

CMLT649 *(PermReq)* **Studies in Eighteenth Century Literature: Romanticism and Revolution; (3)** REG/AUD. Course is team taught by Dr. Neil Fraistat and Dr. Susan Lanser.
0101 **(51722)** Lanser, S.
Tu 6:30pm-9:00pm (SQH 1103)

CMLT679B *(PermReq)* **Topics in Comparative Studies: Carribean Poetry and Performance; (3)** REG/AUD.
0101 **(09598)** Collins, M.
Th 6:30pm-9:00pm (SQH 2120)

CMLT679C *(PermReq)* **Topics in Comparative Studies: Women of Power; (3)** REG/AUD.
0101 **(09608)** Fuegi, J.
M 6:30pm-9:00pm (SQH 1101)

CMLT679E Topics in Comparative Studies: Readings in Film as Text and Cultural Form; (3) REG/AUD.
0101 **(09618)** Kolker, R.
W 12:45pm-3:15pm (SQH 4116)

CMLT679G Topics in Comparative Studies: Art and Politics of Cuban Cinema; (3) REG/AUD.
0101 **(09619)** Hess, J.
W 3:30pm-6:00pm (SQH 2122)

CMLT679J *(PermReq)* **Topics in Comparative Studies: Women, Nation, Novel; (3)** REG/AUD.
0101 **(09638)** Peterson, C.
Tu 3:30pm-6:00pm (SQH 2122)

CMLT679U Topics in Comparative Studies: The Medieval Lyric (In English); (3) REG/AUD.
0101 **(09648)** MacBain, W.
Tu 2:00pm-4:30pm (JMZ 2125)

CMLT679W Topics in Comparative Studies: Utopia and Science Fiction; (3) REG/AUD.
0101 **(09658)** Fink, B.
W 4:00pm-6:30pm (JMZ 3120)

CMLT699 *(PermReq)* **Independent Study; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CMLT702 *(PermReq)* **Cultures of Theory; (3)** REG. *Prerequisite: an introductory course in critical theory.*
0101 **(09696)** Lounsbury, M.
Tu 4:00pm-6:40pm (TLF 2137)

CMLT788A Practicum in Comparative Studies: Teaching Practicum; (1-6) S-F.
0101 **(09706)** STAFF
Time and room to be arranged

CMLT798 *(PermReq)* **Critical Theory Colloquium; (1)** S-F.
0101 **(09716)** Wang, O.
Time and room to be arranged

CMLT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

CMLT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

CMPS Computer, Mathematical and Physical Sciences
(Computer, Mathematical and Physical Sciences)

CMPS299 Special Topics: Achieving College Excellence; (1) REG/P-F/AUD.
0101 **(09820)** Young, N.
Tu 2:00pm-4:00pm (CHE 2118)
0102 **(09821)** Bryant, D.
W 2:00pm-4:00pm (MTH B0427)

CMSC Computer Science
(Computer, Mathematical and Physical Sciences)

CMSC102 Introduction to Information Technology; (3) REG/P-F/AUD. *For non-majors only. Not open to students who have completed CMSC 113 or CMSC 214. Credit will be granted for only one of the following: CMSC 102 or CMSC 214 or CMSC 113. (If CMSC 102 is taken before (CMSC 214 or CMSC 113), then credit will be granted for both).*
0101 **(09871)** Golub, E.
TuTh 2:00pm-3:15pm (JMP 3201)
0201 **(09872)** Golub, E.
TuTh 3:30pm-4:45pm (JMP 3201)

CMSC103 Introduction to Computing; (3) REG/P-F/AUD. *Not open to students who have completed CMSC 113 or CMSC 214. Credit will be granted for only one of the following: CMSC 103 or CMSC 214 or CMSC 113. (If CMSC 103 is taken before (CMSC 214 or CMSC 113), then credit will be granted for both).*
0201 **(09883)** Padua-Perez, N.
MWF 3:00pm-3:50pm (JMP 3201)
0301 **(09884)** Padua-Perez, N.
MWF 2:00pm-2:50pm (JMP 3201)

CMSC106 Introduction to C Programming; (4) REG/P-F/AUD. *Prerequisite: MATH 110. Not applicable to the major requirements in computer science. Credit will not be granted for CMSC 106 if students already have credit for either CMSC 113 or CMSC 114. Not open to students who have completed CMSC 113 or CMSC 114.* Restricted to students majoring in a degree program in the College of CMPS.
0101 **(09893)** Herman, L.
MWF 11:00am-11:50am (JMP 3201)
MW 9:00am-9:50am (CLB 0109) Lab
0102 **(09894)** Herman, L.
MWF 11:00am-11:50am (JMP 3201)
MW 10:00am-10:50am (CLB 0109) Lab
0201 **(09895)** Herman, L.
MWF 12:00pm-12:50pm (JMP 3201)
MW 9:00am-9:50am (CLB 0102) Lab
0202 **(09896)** Herman, L.
MWF 12:00pm-12:50pm (JMP 3201)
MW 10:00am-10:50am (CLB 0102) Lab
0301 **(09897)** Plane, J.
MWF 12:00pm-12:50pm (CLB 0111)
MW 9:00am-9:50am (CSS 2330) Lab
0302 **(09898)** Plane, J.
MWF 12:00pm-12:50pm (CLB 0111)
MW 10:00am-10:50am (CSS 2330) Lab
0401 **(09899)** Padua-Perez, N.
MWF 1:00pm-1:50pm (JMP 3201)
MW 9:00am-9:50am (CSS 2352) Lab
0402 **(09900)** Padua-Perez, N.
MWF 1:00pm-1:50pm (JMP 3201)
MW 10:00am-10:50am (CSS 2352) Lab
0601 **(09903)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0111)
MW 9:00am-9:50am (JMP 3105) Lab
0602 **(09904)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0111)
MW 10:00am-10:50am (JMP 3105) Lab
0701 **(09905)** Plane, J.
MWF 11:00am-11:50am (CLB 0111)
MW 9:00am-9:50am (CLB 0104) Lab
0702 **(09906)** Plane, J.
MWF 11:00am-11:50am (CLB 0111)
MW 10:00am-10:50am (CLB 0104) Lab

CMSC107 Introduction to the UNIX Operating System; (3) REG/P-F/AUD. *Recommended: prior experience with computing.*
0101 **(09914)** Plane, J.
MWF 10:00am-10:50am (CLB 0111)

CMSC114 Computer Science I; (4) REG/P-F/AUD. *Prerequisite: (CMSC 105 or CMSC 106) with a grade of C or better or score of 4 or 5 on Pascal AP exam or permission of department based on satisfactory performance on the department's placement exams. Corequisite: MATH 140. Credit will be granted for only one of the following: CMSC 114 or CMSC 113.*
0101 **(09925)** Fontana, M.
TuTh 9:30am-10:45am (JMP 3201)
MW 2:00pm-2:50pm (CLB 0109) Lab
0102 **(09926)** Fontana, M.
TuTh 9:30am-10:45am (JMP 3201)
MW 3:00pm-3:50pm (CLB 0109) Lab
0201 **(09927)** Fontana, M.
TuTh 11:00am-12:15pm (JMP 3201)
MW 2:00pm-2:50pm (CLB 0102) Lab
0202 **(09928)** Fontana, M.
TuTh 11:00am-12:15pm (JMP 3201)
MW 3:00pm-3:50pm (CLB 0102) Lab
0301 **(09929)** Fontana, M.
TuTh 12:30pm-1:45pm (JMP 3201)
MW 2:00pm-2:50pm (CSS 2330) Lab
0302 **(09930)** Fontana, M.
TuTh 12:30pm-1:45pm (JMP 320f)
MW 3:00pm-3:50pm (CSS 2330) Lab
0401 **(09931)** Glenn, J.
MWF 9:00am-9:50am (JMP 3201)
MW 2:00pm-2:50pm (CSS 2352) Lab
0402 **(09932)** Glenn, J.
MWF 9:00am-9:50am (JMP 3201)
MW 3:00pm-3:50pm (CSS 2352) Lab
0501 **(09933)** STAFF
MWF 10:00am-10:50am (JMP 3201)
MW 2:00pm-2:50pm (CLB 0104) Lab
0502 **(09934)** STAFF
MWF 10:00am-10:50am (JMP 3201)
MW 3:00pm-3:50pm (CLB 0104) Lab

CMSC150 Introduction to Discrete Structures; (4) REG/P-F/AUD. CORE: MS *Pre- or corequisite: MATH 140. Formerly CMSC 250.* All sections of CMSC 150 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam.
0101 **(09944)** Glenn, J.
TuTh 12:30pm-1:45pm (CLB 0111)
MW 11:00am-11:50am (CSS 2352) Dis
0102 **(09945)** Glenn, J.
TuTh 12:30pm-1:45pm (CLB 0111)
MW 12:00pm-12:50pm (CSS 2352) Dis
0103 **(09946)** Glenn, J.
TuTh 12:30pm-1:45pm (CLB 0111)
MW 1:00pm-1:50pm (CSS 2352) Dis
0301 **(09950)** Perlis, D.
TuTh 5:00pm-6:15pm (CLB 0111)
MW 11:00am-11:50am (CSS 2330) Dis
0302 **(09951)** Perlis, D.
TuTh 5:00pm-6:15pm (CLB 0111)
MW 12:00pm-12:50pm (CSS 2330) Dis
0303 **(09952)** Perlis, D.
TuTh 5:00pm-6:15pm (CLB 0111)
MW 1:00pm-1:50pm (CSS 2330) Dis

CMSC214 Computer Science II; (4) REG/P-F/AUD. *Prerequisites: CMSC 114 with a grade of C or better or score of 4 or 5 on C++ AP exam or permission of department based on satisfactory performance on the department's placement exam; and CMSC 150 with a grade of C or better or an acceptable score on the department's CMSC 150 exemption exam. Corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 214 or CMSC 113.*
0101 **(09959)** Golub, E.
MW 2:00pm-3:15pm (CHM 0115)
MW 11:00am-11:50am (CLB 0109) Lab
0102 **(09960)** Golub, E.
MW 2:00pm-3:15pm (CHM 0115)
MW 12:00pm-12:50pm (CLB 0109) Lab
0201 **(09961)** Kaye, G.
TuTh 2:00pm-3:15pm (JMZ 0220)
MW 11:00am-11:50am (CLB 0102) Lab
0202 **(09962)** Kaye, G.
TuTh 2:00pm-3:15pm (JMZ 0220)
MW 12:00pm-12:50pm (CLB 0102) Lab

CMSC251 Algorithms; (3) REG/P-F/AUD. *Prerequisites: (CMSC 112 or CMSC 114) with a grade of C or better; CMSC 150 with a grade of C or better; and MATH 140.* All sections of CMSC 251 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam.
0101 **(09972)** Mount, D.
TuTh 11:00am-12:15pm (CLB 0111)

CMSC299 *(PermReq)* **Freshman Honors Seminar in Computer Science; (1)** REG/P-F/AUD.
0101 **(09973)** Pugh, W.
M 4:00pm-5:00pm (JMP 1202)

CMSC311 *(PermReq)* **Computer Organization; (3)** REG/P-F/AUD. *Prerequisite: (CMSC 113 or CMSC 214) with a grade of C or better.*
0101 **(09982)** Hugue, M.
TuTh 2:00pm-3:15pm (CLB 0111)

CMSC330 Organization of Programming Languages; (3) REG/P-F/AUD. *Prerequisite: (CMSC 113 or CMSC 214) with a grade of C or better.*
0101 **(09992)** Porter, A.
MW 9:00am-9:50am (CLB 0111)
F 9:00am-10:40am (CSS 2330) Lab
0102 **(09993)** Porter, A.
MW 9:00am-9:50am (CLB 0111)
F 11:00am-12:40pm (CSS 2330) Lab
0103 **(09994)** Porter, A.
MW 9:00am-9:50am (CLB 0111)
F 9:00am-10:40am (CSS 2352) Lab
0104 **(09995)** Porter, A.
MW 9:00am-9:50am (CLB 0111)
F 11:00am-12:40pm (CSS 2352) Lab

CMSC386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Prerequisite: written permission of department must be obtained in advance on departmental form.

CMSC390 *(PermReq)* **Honors Paper; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to CMSC Honors Program.*

CMSC411 Computer Systems Architecture; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 311 and CMSC 330; or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(10081)** Saltz, J.
TuTh 12:30pm-1:45pm (CSS 2330)
0201 **(10082)** Keleher, P.
TuTh 11:00am-12:15pm (CSS 2330)

CMSC412 Operating Systems; (4) REG/P-F/AUD. CORE: CS *Prerequisites: (a grade of C or better in CMSC 311 and CMSC 330) or a grade of C or better in CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(10092)** Hollingsworth, J.
TuTh 9:30am-10:45am (CSS 2330)
MW 12:00pm-12:50pm (CLB 0104) Lab
0102 **(10093)** Hollingsworth, J.
TuTh 9:30am-10:45am (CSS 2330)
MW 1:00pm-1:50pm (CLB 0104) Lab

CMSC417 Computer Networks; (3) REG/P-F/AUD. *Prerequisites: (CMSC 113 or CMSC 214) with a grade of C or better; and CMSC 251 with a grade of C or better.*
0101 **(10103)** Agrawala, A.
TuTh 9:30am-10:45am (CLB 0102)
0201 **(10104)** Golubchik, L.
TuTh 11:00am-12:15pm (PHY 0405)

CMSC420 Data Structures; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(10113)** Davis, L.
TuTh 2:00pm-3:15pm (CSS 2330)
0201 **(10114)** Hugue, M.
TuTh 3:30pm-4:45pm (CLB 0111)

CMSC421 *(PermReq)* **Introduction to Artificial Intelligence; (3)** REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 251 and CMSC 330; and permission of department; or CMSC graduate student. Recommended: CMSC 420.*
0101 **(10124)** Nau, D.
TuTh 2:00pm-3:15pm (CSS 2352)

CMSC424 Database Design; (3) REG/P-F/AUD. CORE: CS *Prerequisite: CMSC 420 with a grade of C or better; and permission of department; or CMSC graduate student. Recommended: CMSC 450.*
0101 **(10144)** Franklin, M.
TuTh 11:00am-12:15pm (CSS 2352)
0201 **(10145)** Shapiro, B.
Tu 6:30pm-9:00pm (CLB 0102)
0301 **(10146)** Minker, J.
TuTh 12:30pm-1:45pm (CSS 2352)

CMSC426 Image Processing; (3) REG/P-F/AUD. *Prerequisite: CMSC 420 and permission of department; or CMSC graduate student.*
0101 **(10156)** Aloimonos, J.
TuTh 3:30pm-4:45pm (CLB 0104)

CMSC427 Computer Graphics; (3) REG/P-F/AUD. *Prerequisites: MATH 240; and a grade of C or better in CMSC 420.*
0101 **(10166)** Bederson, B.
TuTh 11:00am-12:15pm (CHM 0119)

CMSC430 Theory of Language Translation; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(10176)** Pugh, W.
TuTh 9:30am-10:45am (CLB 0111)

CMSC434 Human Factors in Computer and Information Systems; (3) REG/P-F/AUD. *Prerequisites: CMSC 330 with a grade of C or better and PSYC 100 and STAT 400 and permission of department; or CMSC graduate student.*
0101 **(10187)** Shneiderman, B.
TuTh 9:30am-10:45am (EGR 3140)

CMSC435 Software Engineering; (3) REG/P-F/AUD. CORE: CS *Prerequisites: CMSC 420 with a grade of C or better; and permission of department; or CMSC graduate student.*
0101 **(10197)** Purtilo, J.
TuTh 12:30pm-1:45pm (CLB 0102)

CMSC450 Logic for Computer Science; (3) REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) with grade of C or better and permission of department; or CMSC graduate student. Also offered as MATH 450. Credit will be granted for only one of the following: MATH 445 or CMSC 450/MATH 450.*
0101 **(10207)** Lopez-Escobar, E.
MWF 1:00pm-1:50pm (MTH B0427)

CMSC451 Design and Analysis of Computer Algorithms; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in (CMSC 113 or CMSC 214) and a grade of C or better in CMSC 251; and permission of department.*
0101 **(10217)** Kruskal, C.
TuTh 11:00am-12:15pm (CLB 0102)

CMSC452 Elementary Theory of Computation; (3) REG/P-F/AUD. *Prerequisites: (CMSC 113 or CMSC 214) with a grade of C or better; CMSC 251 with a grade of C or better.*
0101 **(10227)** Smith, C.
MWF 3:00pm-3:50pm (CLB 0111)

CMSC456 Cryptology; (3) REG/P-F/AUD. *Prerequisite: Two 400-level MATH or two 400-level CMSC courses or permission of department. Also offered as MATH 456. Credit will be granted for only one of the following: CMSC 456 or MATH 456.*
0101 **(10237)** Washington, L.
TuTh 3:30pm-4:45pm (EGR 3140)

CMSC460 Computational Methods; (3) REG/P-F/AUD. *Prerequisites: (a grade of C or better in MATH 240 and MATH 241); and ((CMSC 110 or CMSC 113); and permission of department; or CMSC graduate student. Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.*
0101 **(10247)** Glaz, H.
MWF 1:00pm-1:50pm (MTH 0103)
0201 **(10248)** Osborn, J.
TuTh 8:00am-9:15am (MTH 0405)

CMSC466 Introduction to Numerical Analysis I; (3) REG/P-F/AUD. *Prerequisites: {a grade of C or better in MATH 240 and MATH 241}; and {CMSC 110 or CMSC 113}; and permission of department; or CMSC graduate student. Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.*
0101 **(10258)** Glaz, H.
0201 **(10259)** STAFF
TuTh 2:00pm-3:15pm (MTH 0405)

CMSC475 Combinatorics and Graph Theory; (3) REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241; and permission of department; or CMSC graduate student. Also offered as MATH 475.*
0101 **(10269)** Cohen, J.
MWF 12:00pm-12:50pm (MTH 0305)

CMSC498A *(PermReq)* **Special Problems in Computer Science; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of department required in advance on departmental form.

CMSC498S Special Problems in Computer Science; (3) REG/P-F/AUD.
0101 **(51738)** Subrahmanian, V.
TuTh 9:30am-10:45am (EGR 2107)

CMSC651 Analysis of Algorithms; (3) REG/AUD. *Prerequisite: CMSC 451.*
0101 **(10319)** Khuller, S.
TuTh 5:00pm-6:15pm (CLB 0102)

CMSC666 Numerical Analysis I; (3) REG/AUD. *Prerequisites: CMSC/MAPL 466; and MATH 410. Also offered as MAPL 666.* CMSC graduate students only or permission of department.
0101 **(10329)** Wolfe, P.
MWF 9:00am-9:50am (MTH 0303)

CMSC667 Numerical Analysis II; (3) REG/AUD. *Prerequisite: CMSC/MAPL 666. Also offered as MAPL 667.* CMSC graduate students only or permission of department.
0101 **(10339)** Nochetto, R.
TuTh 11:00am-12:15pm (MTH 0201)

CMSC711 Computer Networks; (3) REG/AUD. *Prerequisite: CMSC 412 or equivalent.*
0101 **(10340)** Shankar, A.
TuTh 11:00am-12:15pm (CLB 0104)

CMSC724 Database Management Systems; (3) REG/AUD. *Prerequisite: CMSC 624 or permission of instructor.* CMSC graduate students only or permission of department.
0101 **(10349)** Roussopoulos, N.
MW 11:00am-12:15pm (JMP 3105)

CMSC727 Neural Modeling; (3) REG/AUD. *Prerequisite: CMSC 421 or equivalent; or permission of instructor. Undergraduate calculus, linear algebra, and elementary probability and statistics are assumed.*
0101 **(10359)** Reggia, J.
TuTh 2:00pm-3:15pm (CLB 0109)

CMSC731 Programming Language Implementation; (3) REG/AUD. *Prerequisite: CMSC 430 or permission of instructor.*
0101 **(10369)** Tseng, C.
TuTh 11:00am-12:15pm (CLB 0109)

CMSC752 Concrete Complexity; (3) REG/AUD. *Prerequisite: CMSC 451 or CMSC 650 or permission of instructor.*
0101 **(10379)** Gasarch, W.
TuTh 12:30pm-1:45pm (CLB 0109)

CMSC760 Advanced Linear Numerical Analysis; (3) REG/AUD. *Prerequisite: CMSC/MAPL 666 or permission of instructor. Also offered as MAPL 600. Formerly CMSC 770.*
0101 **(10389)** Stewart, G.
TuTh 2:00pm-3:15pm (CLB 0104)

CMSC798A *(PermReq)* **Graduate Seminar in Computer Science; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CMSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CMSC818A *(PermReq)* **Advanced Topics in Computer Systems; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC818G Advanced Topics in Computer Systems; (1-3) REG/AUD.
0101 **(10523)** Gerber, R.
TuTh 12:30pm-1:45pm (CLB 0104)

CMSC818M Advanced Topics in Computer Systems: Topics on Communication Protocols; (3) REG/AUD.
0101 **(10524)** Miller, R.
W 2:00pm-4:30pm (JMP 2202)

CMSC818S Advanced Topics in Computer Systems; (3) REG/AUD.
0101 **(10533)** Saltz, J.
TuTh 3:30pm-4:45pm (JMP 1109)

CMSC828A *(PermReq)* **Advanced Topics in Information Processing; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC828D Advanced Topics in Information Processing: Issues in Large Scale Natural language Processing Applications; (3) REG/AUD.
0101 **(10761)** Dorr, B.
M 10:00am-12:30pm (PHY 4208)

CMSC828O *(PermReq)* **Advanced Topics in Information Processing: Information Retrieval Systems; (3)** REG/AUD.
0101 **(51741)** Oard, D.
M 1:00pm-3:45pm (HBK 4115)

CMSC828S Advanced Topics in Information Processing; (3) REG/AUD.
0101 **(10584)** Subrahmanian, V.
TuTh 9:30am-10:45am (EGR 2107)

CMSC838A *(PermReq)* **Advanced Topics in Programming Languages; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC858A *(PermReq)* **Advanced Topics in Theory of Computing; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC858V Advanced Topics in Theory of Computing: Fundamental Algorithmics; (3) REG.
0101 **(51790)** Vishkin, U.
MW 2:00pm-3:15pm (JMP 1202)

CMSC878A *(PermReq)* **Advanced Topics in Numerical Methods; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CONS Sustainable Development & Conservation Biology (Life Sciences)

CONS608 *(PermReq)* **Seminar in Sustainable Development and Conservation Biology: Conservation Biology; (1)** REG/AUD. Prerequisite: permission of department. For majors only.
0101 **(10890)** Inouye, D.
W 12:00pm-1:00pm (ZOP 2277)

CONS609 *(PermReq)* **Special Topics in Conservation Biology; (1-3)** REG/S-F.
0101 **(10900)** Inouye, D.
Time and room to be arranged

CONS670 *(PermReq)* **Conservation Biology; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(10910)** Inouye, D.
MWF 1:00pm-1:50pm (ZOP 1250)

CONS798 *(PermReq)* **Research Papers in Sustainable Development and Conservation Biology; (1-4)** REG/S-F.
0101 **(10920)** Inouye, D.
Time and room to be arranged
0102 **(10921)** Dietz, J.
Time and room to be arranged

COOP Cooperative Education Program (Undergraduate Studies)

COOP099 *(PermReq)* **Co-Op Work Experience; (No credit)** S-F. Permission of Experiential Learning Coordinator required. Obtain signature and more information at the Career Center, 3121 Hornbake Library. For special fees, see the Financial Information section of the Schedule of Classes.
0101 **(10971)** Nefferdorf, C.
Time and room to be arranged

CPSP College Park Scholars Program (Undergraduate Studies)

CPSP001 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars-Life Sciences.
0101 **(11021)** STAFF
Time and room to be arranged

CPSP002 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars-Life Sciences.
0101 **(11031)** STAFF
Time and room to be arranged

CPSP003 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars-Life Sciences.
0101 **(11041)** STAFF
Time and room to be arranged

CPSP004 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars-Life Sciences.
0101 **(11051)** STAFF
Time and room to be arranged

CPSP005 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars-Life Sciences.
0101 **(11061)** STAFF
Time and room to be arranged

CPSP118A College Park Scholars Colloquium I: Arts; (1) REG. Restricted to College Park Scholars - Arts.
0101 **(11071)** Walters, E.
M 6:00pm-7:00pm (CEN 0109)

CPSP118C College Park Scholars Colloquium I: Advocates for Children; (1) REG. Restricted to College Park Scholars - Advocates for Children.
0101 **(11081)** Wright, S.
W 3:15pm-4:45pm (JMZ 0220)

CPSP118D College Park Scholars Colloquium I: Science, Discovery, and the Universe; (1) REG. Restricted to College Park Scholars - Science, Discovery, and the Univer se.
0101 **(11091)** McFadden, L.
Th 5:00pm-6:30pm (PLS 1140)
Th 5:00pm-6:30pm (PLS 1111)
Th 5:00pm-6:30pm (PLS 1113)

CPSP118E College Park Scholars Colloquium I: Environmental Studies; (1) REG. Restricted to College Park Scholars - Environmental Studies.
0101 **(11101)** McLellan, E.
MW 5:30pm-7:00pm (PLS 1140)

CPSP118L College Park Scholars Colloquium I: Life Sciences; (1) REG. Restricted to College Park Scholars - Life Sciences.
0101 **(11111)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)
0102 **(11112)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)
0103 **(11113)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)
0104 **(11114)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)
0105 **(11115)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)

CPSP118M College Park Scholars Colloquium I: International Studies; (1) REG. Restricted to College Park Scholars - International Studies.
0101 **(11125)** Grant-Wisdom, D.
TuTh 3:30pm-4:55pm (PLS 1140)

CPSP118P College Park Scholars Colloquium I: Social Justice and Law; (1) REG. Restricted to College Park Scholars - Public Leadership.
0101 **(11135)** Lucas, N.
W 2:00pm-3:30pm (TYD 1102)
W 2:00pm-3:30pm (TYD 1102) Dis
0102 **(11136)** Lucas, N.
W 2:00pm-3:30pm (TYD 1102)
W 2:00pm-3:30pm (TLF 1101) Dis

CPSP118R College Park Scholars Colloquium I: American Cultures; (1) REG. Restricted to College Park Scholars - American Cultures.
0101 **(11146)** Muncy, R.
Th 4:00pm-5:30pm (CEN 0109)

CPSP118T College Park Scholars Colloquium I: Colloquium in Science, Technology, and Society; (1) REG. Restricted to College Park Scholars - Science, Technology, and Science.
0101 **(11156)** Shulman, H.
Tu 7:00pm-8:30pm (JMP 3201)
0102 **(11157)** Shulman, H.
Tu 7:00pm-8:30pm (JMP 3201)
0103 **(11158)** Shulman, H.
Tu 7:00pm-8:30pm (JMP 3201)
0104 **(11159)** Shulman, H.
Tu 7:00pm-8:30pm (JMP 3201)

CPSP218A College Park Scholars Colloquium II: Arts; (1) REG. Restricted to College Park Scholars - Arts.
0101 **(11169)** Walters, E.
Tu 5:00pm-6:00pm (CEN 0109)
0201 **(11170)** Walters, E.
Time and room to be arranged

CPSP218C College Park Scholars Colloquium II; (1) REG.
0101 **(11171)** Gardner, A.
W 3:15pm-4:45pm (JMZ 0220)

CPSP218L College Park Scholars Colloquium II: Life Sciences; (1) REG. Restricted to College Park Scholars - Life Sciences. Course is taught by Dr. John Hellman (Entomology), Dr. Peter Abrams (Zoology), Dr. Spencer Benson (Microbiology), Dr. Gerald Wilkinson (Zoology), and Dr. Steve Brauth (Psychology).
0101 **(11180)** Hellman, J.
TuTh 4:00pm-6:00pm (CBD 1135)
TuTh 4:00pm-6:00pm (CBD 1140)
TuTh 4:00pm-6:00pm (CBD 1134)

CPSP218Q College Park Scholars Colloquium II: Public Leadership Sophomore Project; (1) REG. Restricted to College Park Scholars - Public Leadership. Section 0101 is individual internship; 0301 is service learning; 0401, Discovery Projects.
0101 **(11190)** Lucas, N.
Time and room to be arranged
0301 **(11191)** Lucas, N.
Time and room to be arranged
0401 **(11192)** Lucas, N.
Time and room to be arranged

CPSP218R College Park Scholars Colloquium II: American Cultures; (1) REG. Restricted to College Park Scholars - American Cultures.
0101 **(11202)** Paoletti, J.
Tu 4:45pm-6:15pm (PLS 1130)

CPSP218T College Park Scholars Colloquium II: Studies in Science, Technology, and Society; (1) REG. Restricted to College Park Scholars - Science, Technology, and Society. Section 0101 is individual internship; 0301, Service Learning; 0401, Smithsonian; 0501, Webship.
0101 **(11212)** Striffler, C.
W 7:00pm-8:30pm (JMP 3201)
0301 **(11213)** Striffler, C.
W 7:00pm-8:30pm (CEN 0109)
0401 **(11214)** Striffler, C.
W 7:00pm-8:30pm (CEN 0109)
0501 **(11215)** Shulman, H.
W 7:00pm-8:30pm (CEN 0109)

CPSP227 College Park Scholars Capstone: Science, Technology, and Society; (3) REG. Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11225)** Roberts, D.
TuTh 5:00pm-6:15pm (ZOP 2283)
0102 **(11226)** Roberts, D.
Time and room to be arranged

CPSP259A College Park Scholars Practicum: Arts; (1-3) REG. Restricted to College Park Scholars - Arts.
0401 **(11235)** Walters, E.
Time and room to be arranged

CPSP259C College Park Scholars Practicum: Advocates for Children; (1-3) REG. Restricted to College Park Scholars - Advocates for Children. Section 0101 is individual internship; 0301 is service learning; 0401, Discovery Projects.
0101 **(11245)** Gardner, A.
Time and room to be arranged
0301 **(11246)** Gardner, A.
Time and room to be arranged
0401 **(11247)** Gardner, A.
Time and room to be arranged

CPSP259E College Park Scholars Practicum: Environmental Studies; (1-3) REG. Restricted to College Park Scholars - Environmental Studies. Section 0101 is individual internship; 0301 is service learning; 0401, Discovery Projects.
0101 **(11257)** McLellan, E.
Time and room to be arranged
0301 **(11258)** McLellan, E.
Time and room to be arranged
0401 **(11259)** McLellan, E.
Time and room to be arranged-

CPSP259L College Park Scholars Practicum: Life Sciences; (1-3) REG. Restricted to College Park Scholars - Life Sciences. Section 0301 is service learning; 0401, Discovery Projects.
0301 **(11269)** Hellman, J.
Time and room to be arranged
0401 **(11270)** Hellman, J.
Time and room to be arranged

CPSP259P College Park Scholars Practicum: Public Leadership; (2) REG. Restricted to College Park Scholars - Public Leadership.
0301 **(11280)** Lucas, N.
M 5:00pm-6:30pm (CBD 1134)

CPSP259R College Park Scholars Practicum: American Cultures; (3) REG. Restricted to College Park Scholars - American Cultures. Section 0301 is service learning; 0401, Discovery Projects.
0201 **(11292)** Paoletti, J.
Time and room to be arranged
0301 **(11290)** Paoletti, J.
Time and room to be arranged
0401 **(11291)** Paoletti, J.
Time and room to be arranged

CPSP318N College Park Scholars Colloquium III: International Studies; (3) REG. Restricted to College Park Scholars - International Studies. Section 0101 is ICONS; 0401 is Discovery Projects.
0101 **(11301)** Vietri, L.
M 3:00pm-5:00pm (KEY 0106)
W 4:00pm-5:00pm (KEY 0123) Dis
0401 **(11302)** Vietri, L.
M 3:00pm-5:00pm (KEY 0106)
W 4:00pm-5:00pm (Arranged) Dis

CPSP318P College Park Scholars Colloquium III: Ethics; (3) REG. Restricted to College Park Scholars - Public Leadership.
0101 **(11312)** Lucas, N.
W 2:00pm-4:40pm (CEN 0109)

CPSP386 Experiential Learning; (3) REG. Restricted to College Park Scholars - American Cultures.
0101 **(11322)** Paoletti, J.
Time and room to be arranged

DANC Dance (Arts and Humanities)

DANC109 Improvisation I; (2) REG/P-F/AUD.
0101 **(11372)** Rosen, M.
TuTh 12:30pm-1:45pm (DNC 1105) Lab

DANC128 Fundamentals of Ballet; (2) REG/P-F/AUD.
0101 **(11382)** Druker, S.
MW 9:30am-10:45am (PKT 2102) Lab
0102 **(11383)** Druker, S.
MW 11:00am-12:15pm (PKT 2102) Lab
0103 **(11384)** Druker, S.
MW 12:30pm-1:45pm (PKT 2102) Lab

DANC138 Introduction to Ethnic Dance: West African; (2) REG/P-F/AUD. DIVERSITY
0101 **(11394)** Jackson, V.
TuTh 9:30am-10:45am (PKT 2102) Lab

DANC148 Fundamentals of Modern Dance; (2) REG/P-F/AUD.
0101 **(11404)** Perez, S.
MW 2:00pm-3:15pm (DNC 1136) Lab
0102 **(11405)** Wright, C.
TuTh 2:00pm-3:15pm (DNC 1105) Lab
0103 **(11406)** Mayes, A.
TuTh 3:30pm-4:45pm (DNC 1136) Lab

DANC158 Fundamentals of Jazz; (2) REG/P-F/AUD.
0101 **(11416)** Mayes, A.
TuTh 2:00pm-3:15pm (DNC 1136) Lab

DANC199A Practicum in Choreography, Production and Performance I: Beginning Tap Dance; (2) REG/P-F/AUD.
0101 **(11434)** Slater, M.
TuTh 12:30pm-1:45pm (PKT 2102) Lab

DANC199B Practicum in Choreography, Production and Performance I: Beginning Ballroom Dance; (2) REG/P-F/AUD.
0101 **(11444)** Taylor, J.
TuTh 9:30am-10:45am (DNC 1105) Lab

DANC200 Introduction to Dance; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(11454)** Perez, S.
MWF 11:00am-11:50am (DNC 1143)
0201 **(11455)** Perez, S.
MWF 12:00pm-12:50pm (DNC 1143)
0301 **(11456)** Gaskill, B.
TuTh 11:00am-12:15pm (DNC 1143)
0401 **(11457)** Wenning, L.
TuTh 12:30pm-1:45pm (DNC 1143)
0501 **(11458)** DeVivo, K.
TuTh 2:00pm-3:15pm (DNC 1143)

DANC210 Dance Production; (3) REG/P-F/AUD.
0101 **(11468)** Jackson, P.
MWF 3:30pm-4:50pm (DNC 1105)

DANC228 Ballet I; (2) REG/P-F/AUD.
0101 **(11478)** Druker, S.
TuTh 12:30pm-1:45pm (DNC 1136) Lab

DANC229 Ballet II; (2) REG/P-F/AUD.
0101 **(11488)** Druker, S.
TuTh 9:30am-10:45am (DNC 1136) Lab

DANC248 *(PermReq)* **Modern Dance I; (3)** REG/P-F/AUD.
0101 **(11498)** Mayes, A.
MWF 12:30pm-1:50pm (DNC 1136) Lab

DANC249 Modern Dance II; (3) REG/P-F/AUD.
0101 **(11508)** Mayes, A.
MWF 12:30pm-1:50pm (DNC 1136) Lab

DANC258 Jazz I; (2) REG/P-F/AUD.
0101 **(11518)** Jackson, V.
TuTh 11:00am-12:15pm (PKT 2102) Lab

DANC299B Practicum in Choreography, Production and Performance II: Ballroom II; (2) REG/P-F/AUD.
0101 **(11535)** Taylor, J.
TuTh 11:00am-12:15pm (DNC 1105) Lab

DANC308 Choreography II; (3) REG/P-F/AUD.
0101 **(11545)** Warren, A.
MWF 2:00pm-3:20pm (DNC 1105) Lab

DANC310 Dance Lighting; (3) REG/P-F/AUD. *Prerequisite: DANC 210.*
0101 **(11555)** Jackson, P.
Time and room to be arranged

DANC328 Ballet III: Ballet III for Majors; (2) REG/P-F/AUD.
0101 **(11565)** Druker, S.
TuTh 11:00am-12:15pm (DNC 1136) Lab

DANC329 Ballet IV: Ballet IV for Majors; (2) REG/P-F/AUD.
0101 **(11575)** Druker, S.
TuTh 11:00am-12:15pm (DNC 1136) Lab

DANC348 Modern Dance III; (3) REG/P-F/AUD.
0101 **(11585)** Wright, C.
MWF 12:30pm-1:50pm (DNC 1105) Lab

DANC349 Modern Dance IV; (3) REG/P-F/AUD. Prerequisite: DANC 348 or audition.
0101 **(11595)** Wright, C.
MWF 12:30pm-1:50pm (DNC 1105) Lab

DANC365 Labanotation; (3) REG/P-F/AUD. *Prerequisites: DANC 102 and DANC 248. Formerly DANC 266.*
0101 **(11605)** Warren, A.
MW 3:30pm-4:45pm (DNC 1136) Lab

DANC370 Kinesiology for Dancers; (4) REG/P-F/AUD.
0101 **(11615)** Cox, L.
MWF 9:00am-10:45am (DNC 1143)

DANC399A Practicum in Choreography, Production and Performance III: Intermediate Tap; (2) REG/P-F/AUD.
0101 **(11641)** Slater, M.
TuTh 2:00pm-3:15pm (PKT 2102) Lab

DANC448 Modern Dance V; (3) REG/P-F/AUD.
0101 **(11651)** Wiltz, A.
MWF 11:00am-12:20pm (DNC 1105) Lab

DANC449 Modern Dance VI; (3) REG/P-F/AUD.
0101 **(11661)** Wiltz, A.
MWF 11:00am-12:20pm (DNC 1105) Lab

DANC485 Seminar in Dance; (3) REG/P-F/AUD. CORE: CS *Prerequisite: DANC 483. Senior standing. For DANC majors only. Formerly DANC 484.*
0101 **(11671)** Rosen, M.
TuTh 9:30am-10:45am (DNC 1143)

DANC489 *(PermReq)* **Special Topics in Dance: Freestyle Dance and Music Video Choreography; (2)** REG/P-F/AUD.
0101 **(11681)** Wright, C.
TuTh 3:30pm-5:00pm (DNC 1105)

ECON Economics
(Behavioral and Social Sciences)

ECON200 Principles of Micro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 200 or ECON 203. Formerly ECON 203.*
2101 **(11797)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
M 9:00am-9:50am (WDS 0104) Dis
2102 **(11798)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
W 9:00am-9:50am (WDS 0104) Dis
2103 **(11799)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
F 9:00am-9:50am (TYD 0101) Dis
2106 **(11800)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
M 1:00pm-1:50pm (TYD 2110) Dis
2107 **(11801)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
W 10:00am-10:50am (TYD 2106) Dis
2108 **(11802)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
W 10:00am-10:50am (TYD 2111) Dis
2110 **(11803)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
W 1:00pm-1:50pm (TYD 1108) Dis
2111 **(11804)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2110) Dis
2112 **(11805)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
M 10:00am-10:50am (TYD 2106) Dis
2113 **(11806)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
F 10:00am-10:50am (TYD 2106) Dis
2114 **(11807)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
M 10:00am-10:50am (TYD 2110) Dis
2115 **(11808)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
F 11:00am-11:50am (TYD 2110) Dis
2116 **(11809)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
M 1:00pm-1:50pm (TYD 1108) Dis
2117 **(11810)** Weinstein, P.
TuTh 2:00pm-3:15pm (TYD 0130)
W 1:00pm-1:50pm (TYD 2111) Dis
2201 **(11811)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 9:00am-9:50am (TYD 0101) Dis
2202 **(11812)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 9:00am-9:50am (TYD 0101) Dis
2203 **(11813)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
F 9:00am-9:50am (TYD 1108) Dis
2204 **(11814)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 1:00pm-1:50pm (TYD 1102) Dis
2205 **(11815)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 1:00pm-1:50pm (TYD 2102) Dis
2206 **(11816)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 1:00pm-1:50pm (TYD 1132) Dis
2207 **(11817)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 10:00am-10:50am (TYD 2102) Dis
2208 **(11818)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 10:00am-10:50am (TYD 0101) Dis
2209 **(11819)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
F 9:00am-9:50am (TYD 1128) Dis
2210 **(11820)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 1:00pm-1:50pm (TLF 1101) Dis
2211 **(11821)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
F 1:00pm-1:50pm (KEY 0116) Dis
2212 **(11822)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 10:00am-10:50am (TYD 2102) Dis
2213 **(11823)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
F 10:00am-10:50am (TYD 1102) Dis
2214 **(11824)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 10:00am-10:50am (TYD 0101) Dis
2215 **(11825)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
F 11:00am-11:50am (TYD 1128) Dis

ECON200H Principles of Micro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 200 or ECON 203. Formerly ECON 203.* For general honors students only.
0101 **(11835)** Weinstein, P.
TuTh 11:00am-12:15pm (TYD 1132)

ECON201 Principles of Macro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205.*
1101 **(11748)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 10:00am-10:50am (TYD 1128) Dis
1102 **(11749)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
W 2:00pm-2:50pm (LEF 2208) Dis
1103 **(11750)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 11:00am-11:50am (TYD 1132) Dis
1104 **(11751)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 9:00am-9:50am (TYD 0111) Dis
1105 **(11752)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 9:00am-9:50am (TYD 1114) Dis
1106 **(11753)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 10:00am-10:50am (TYD 0101) Dis
1107 **(11754)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
M 1:00pm-1:50pm (TYD 2111) Dis
1108 **(11755)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 9:00am-9:50am (TYD 1132) Dis
1109 **(11756)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 10:00am-10:50am (TYD 0111) Dis
1110 **(11757)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
W 1:00pm-1:50pm (TYD 1132) Dis
1111 **(11758)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
M 11:00am-11:50am (TYD 2111) Dis
1112 **(11759)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 11:00am-11:50am (TYD 2106) Dis
1113 **(11760)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
W 11:00am-11:50am (TYD 2111) Dis
1114 **(11761)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 10:00am-10:50am (TYD 2111) Dis
1115 **(11762)** Shea, J.
MW 9:30am-10:45am (TYD 0130)
F 10:00am-10:50am (TLF 1101) Dis
2101 **(11763)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
M 1:00pm-1:50pm (TYD 2102) Dis
2102 **(11764)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
F 9:00am-9:50am (TYD 2110) Dis
2103 **(11765)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
F 11:00am-11:50am (TYD 1101) Dis
2104 **(11766)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
M 12:00pm-12:50pm (LEF 1201) Dis
2105 **(11767)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
M 10:00am-10:50am (TYD 2111) Dis
2106 **(11768)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
W 10:00am-10:50am (WDS 1131) Dis
2107 **(11769)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
W 11:00am-11:50am (WDS 1130) Dis
2108 **(11770)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
M 9:00am-9:50am (TYD 2102) Dis
2109 **(11771)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
M 11:00am-11:50am (TYD 1101) Dis
2110 **(11772)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
W 9:00am-9:50am (TYD 2102) Dis
2111 **(11773)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
W 9:00am-9:50am (TYD 1132) Dis
2112 **(11774)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
F 10:00am-10:50am (TYD 1108) Dis
2113 **(11775)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
W 1:00pm-1:50pm (TYD 2110) Dis
2114 **(11776)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2111) Dis
2115 **(11777)** Brechling, F.
TuTh 12:30pm-1:45pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2110) Dis

ECON201H Principles of Macro-Economics; (4) REG/P-F/AUD. *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205.* For general honors students only.
0101 **(11787)** Dorsey, J.
MWF 9:00am-9:50am (TYD 1102)

ECON305 Intermediate Macroeconomic Theory and Policy; (3) REG/P-F/AUD. *Prerequisites: ECON 201; and ECON 203; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401.*
0101 **(11845)** Binder, M.
MW 2:00pm-3:15pm (HJP 0226)
0201 **(11847)** STAFF
MWF 10:00am-10:50am (COL 3110)
0301 **(11848)** STAFF
MWF 1:00pm-1:50pm (SQH 1119)
0701 **(11846)** Sakellaris, P.
MW 9:30am-10:45am (ARM 0126)

ECON306 Intermediate Microeconomic Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403.*
0101 **(11856)** Brechling, F.
TuTh 9:30am-10:45am (TYD 1132)
0201 **(11857)** STAFF
MW 11:00am-12:15pm (TYD 0111)
0301 **(11858)** STAFF
MWF 9:00am-9:50am (TYD 1101)
0401 **(11859)** STAFF
TuTh 12:30pm-1:45pm (TYD 1102)
0501 **(11860)** STAFF
TuTh 2:00pm-3:15pm (TYD 1132)
0601 **(11861)** STAFF
MWF 10:00am-10:50am (TYD 1114)
0701 **(11862)** STAFF
MWF 1:00pm-1:50pm (TYD 1114)

ECON306H Intermediate Microeconomic Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403.* For general honors students only.
0101 **(11872)** Hulten, C.
TuTh 11:00am-12:15pm (TYD 2108)

ECON311 American Economic Development; (3) REG/P-F/AUD. *Prerequisites: {ECON 201; and ECON 203} or ECON 205.*
0101 **(11882)** Wallis, J.
MW 12:30pm-1:45pm (TYD 0130)

ECON315 Economic Development of Underdeveloped Areas; (3) REG/P-F/AUD. *Prerequisites: {ECON 201; and ECON 203} or ECON 205. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415.*
0201 **(11892)** STAFF
TuTh 11:00am-12:15pm (TYD 0117)
0301 **(11893)** Swamy, A.
TuTh 9:30am-10:45am (TYD 1102)
0401 **(11894)** Betancourt, R.
TuTh 2:00pm-3:15pm (TYD 2108)
0501 **(11895)** STAFF
TuTh 9:30am-10:45am (TYD 0117)
0601 **(11896)** STAFF
MWF 10:00am-10:50am (TYD 0102)

ECON321 Economic Statistics; (3) REG/P-F/AUD. *Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421.*
0101 **(11907)** Almon, C.
MW 11:00am-12:15pm (TYD 1108)
0201 **(11906)** Coughlin, P.
MWF 11:00am-11:50am (TYD 1102)

ECON370 Labor Markets, Human Resources, and Trade Unions; (3) REG/P-F/AUD. *Prerequisites: {ECON 201; and ECON 203} or ECON 205. Credit will be granted for only one of the following: ECON 370 or ECON 470.*
0101 **(11916)** Weinstein, P.
TuTh 8:00am-9:15am (TYD 2111)
0301 **(11917)** STAFF
TuTh 11:00am-12:15pm (TYD 2111)

ECON375 Economics of Poverty and Discrimination; (3) REG/P-F/AUD. DIVERSITY *Prerequisites: {ECON 201; and ECON 203} or ECON 205.*
0101 **(11927)** STAFF
MWF 11:00am-11:50am (LEF 2166)

ECON381 Environmental Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 203 or ECON 205 or permission of department.*
0101 **(11937)** Cropper, M.
MW 2:00pm-3:15pm (TYD 2111)
0201 **(11938)** Cropper, M.
MW 11:00am-12:15pm (KEY 0116)

ECON386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
1901 **(11948)** Wallis, J.
Time and room to be arranged

ECON397 *(PermReq)* **Honors Thesis; (3)** REG/P-F/AUD. *Prerequisites: ECON 396 and candidacy for honors in economics.*
0101 **(11958)** Wallis, J.
Time and room to be arranged

ECON399 *(PermReq)* **Individual Reading and Research For Undergraduates; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses.

ECON402 Macroeconomic Models and Forecasting; (3) REG/P-F/AUD. *Prerequisite: ECON 305 or ECON 405.*
0101 **(12028)** Almon, C.
MW 2:00pm-3:15pm (TYD 0111)

ECON407 Advanced Macroeconomics; (3) REG/P-F/AUD. *Prerequisite: ECON 305.*
0101 **(12029)** Drazen, A.
MW 11:00am-12:15pm (JRN 1105)

ECON415 Strategic Behavior and Incentives; (3) REG/P-F/AUD. *Prerequisite: ECON 414 or permission of department.*
0101 **(12048)** Cramton, P.
TuTh 9:30am-10:45am (TYD 0101)

ECON422 Quantitative Methods in Economics I; (3) REG/P-F/AUD. *Prerequisite: ECON 201; and ECON 203; and {ECON 321 or BMGT 230:} or permission of department.*
0101 **(12058)** Swamy, A.
TuTh 12:30pm-1:45pm (TYD 0102)

ECON423 Quantitative Methods in Economics II; (3) REG/P-F/AUD. *Prerequisite: ECON 422.*
0101 **(12068)** Chao, J.
TuTh 2:00pm-3:15pm (TYD 2110)

ECON425 Mathematical Economics; (3) REG/P-F/AUD. *Prerequisites: ECON 305 or ECON 405, and ECON 306 or ECON 406, and MATH 220 or equivalent.*
0101 **(12078)** STAFF
MWF 12:00pm-12:50pm (TYD 2111)

ECON430 Money and Banking; (3) REG/P-F/AUD. *Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 430 or ECON 431.*
0101 **(12088)** Dorsey, J.
MWF 11:00am-11:50am (TYD 0130)

ECON440 International Economics; (3) REG/P-F/AUD. *Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 440 or ECON 441.*
0101 **(12099)** STAFF
TuTh 2:00pm-3:15pm (TYD 2111)
0201 **(12100)** STAFF
TuTh 12:30pm-1:45pm (TYD 2111)
0301 **(12101)** STAFF
TuTh 11:00am-12:15pm (TYD 0102)
0401 **(12102)** STAFF
MWF 2:00pm-2:50pm (TYD 0102)
0501 **(12103)** STAFF
MWF 10:00am-10:50am (TYD 1132)

ECON451 Public Choice and Public Policy; (3) REG/P-F/AUD. *Prerequisite: {ECON 201; and ECON 203}, or ECON 205.*
0101 **(12113)** Coughlin, P.
MWF 2:00pm-2:50pm (KEY 0102)

ECON454 Theory of Public Finance and Fiscal Federalism; (3) REG/AUD. *Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 450 or ECON 454.*
0101 **(12123)** Hulten, C.
TuTh 2:00pm-3:15pm (TYD 0111)

ECON456 Law and Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0201 **(12133)** Ausubel, L.
TuTh 2:00pm-3:15pm (TYD 1114)

ECON465 Health Care Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 203 or ECON 205.*
0101 **(12143)** Evans, W.
TuTh 9:30am-10:45am (TYD 0111)

ECON470 Theory of Labor Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 306. Credit will be granted for only one of the following: ECON 370 or ECON 470.*
0101 **(12153)** Hellerstein, J.
TuTh 11:00am-12:15pm (HJP 2242)

ECON602 Macroeconomic Analysis II; (3) REG/AUD. *Prerequisite: ECON 601 or permission of department.*
0101 **(12163)** Calvo, G.
MW 2:00pm-3:15pm (TYD 2110)
F 12:30pm-2:00pm (TYD 0111) Dis
0201 **(12164)** Sakellaris, P.
MW 11:00am-12:15pm (TYD 2110)
Tu 3:30pm-5:30pm (TYD 1114) Dis

ECON604 Microeconomic Analysis II; (3) REG/AUD. *Prerequisite: ECON 603 or permission of department.*
0101 **(12174)** Hoff, K.
TuTh 2:00pm-3:15pm (TYD 0101)
W 5:00pm-7:00pm (TYD 2111) Dis
0201 **(12175)** Panagariya, A.
TuTh 11:00am-12:15pm (TYD 1128)
F 2:00pm-4:00pm (TYD 2111) Dis

ECON606 History of Economic Thought; (3) REG/AUD. *Prerequisite: ECON 403 or permission of department.*
0101 **(12185)** Monaco, R.
Th 5:30pm-7:00pm (Arranged)

ECON611 Seminar in American Economic Development; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(12195)** Wallis, J.
MW 9:30am-10:45am (TYD 1128)

ECON621 Quantitative Methods I; (3) REG/AUD. *Prerequisite: ECON 600 or permission of department.*
0101 **(12205)** Chao, J.
TuTh 9:30am-10:45am (TYD 0102)
Th 3:30pm-5:00pm (TYD 2111) Dis

ECON623 Econometrics I; (3) REG/AUD.
0101 **(12215)** Prucha, I.
TuTh 12:30pm-1:45pm (TYD 2110)
Th 3:30pm-5:30pm (TYD 2108) Dis

ECON626 Empirical Microeconomics; (3) REG/AUD. *Prerequisite: ECON 622 or ECON 721 or permission of instructor.*
0101 **(12225)** Evans, W.
TuTh 12:30pm-1:45pm (WDS 1130)

ECON627 Empirical Macroeconomics; (3) REG/AUD. *Prerequisite: ECON 622 or ECON 721 or permission of instructor.*
0101 **(12235)** Binder, M.
MW 11:00am-12:15pm (TYD 1132)

ECON662 Industry Structure, Conduct, and Performance; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604.*
0101 **(12245)** Sen, A.
MW 9:30am-10:45am (TLF 1101)

CORE Codes ... **CS** - Capstone **HL** - Humanities and the Arts, Literature **HA** - Humanities and the Arts, History or Theory of the Arts
HO - Humanities and the Arts, Humanities **PS** - Mathematics and the Sciences, Physical Sciences (Non-Lab)
PL - Mathematics and the Sciences, Physical Sciences (Lab)

ECON681 Comparative Economic Systems and Economies in Transition; (3) REG/AUD.
0101 **(12255)** Murrell, P.
TuTh 2:00pm-3:15pm (TYD 0117)

ECON698 *(PermReq)* **Selected Topics in Economics; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ECON698A Selected Topics in Economics: Economic Modelling; (3) REG/AUD.
0101 **(12303)** Almon, C.
MW 11:00am-12:15pm (TYD 1128)

ECON698R Selected Topics in Economics: Retailing Services; (3) REG/AUD.
0101 **(12313)** Betancourt, R.
M 5:00pm-7:30pm (TYD 1128)

ECON698T Selected Topics in Economics: Time Series; (3) REG/AUD.
0101 **(12323)** Chao, J.
TuTh 12:30pm-1:45pm (TYD 0111)

ECON702 Advanced Macroeconomics II; (3) REG/AUD. *Prerequisites: ECON 601 and ECON 602.*
0101 **(12333)** Drazen, A.
MW 2:00pm-3:15pm (TYD 0101)

ECON704 Advanced Microeconomics II; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604.*
0101 **(12343)** Ausubel, L.
TuTh 11:00am-12:15pm (TYD 1108)

ECON708 Advanced Topics in Applied and Theoretical Microeconomics; (3) REG/AUD.
0101 **(12353)** Evans, W.
MW 12:30pm-1:45pm (TYD 0111)
0201 **(12354)** STAFF
MW 12:30pm-1:45pm (TYD 2109)

ECON709 Advanced Topics in Applied and Theoretical Macroeconomics; (3) REG/AUD.
0101 **(12364)** Drazen, A.
MW 12:30pm-1:45pm (TYD 0101)

ECON721 *(PermReq)* **Econometrics III; (3)** REG/AUD. *Prerequisite: ECON 624 or permission of instructor.*
0101 **(12374)** Prucha, I.
TuTh 5:00pm-6:15pm (TYD 0101)
M 4:00pm-6:00pm (TYD 0101) Dis

ECON741 Advanced International Economics I; (3) REG/AUD. *Prerequisite: ECON 601 or permission of department.*
0101 **(12384)** Calvo, G.
W 6:00pm-8:30pm (TYD 1108)
W 5:00pm-6:00pm (TYD 1132) Dis

ECON752 Seminar in Public Finance; (3) REG/AUD. *Prerequisite: ECON 751.*
0101 **(12394)** Lyon, A.
M 6:30pm-9:00pm (TYD 2110)

ECON771 Advanced Labor Economics: Theory and Evidence; (3) REG/AUD. *Prerequisite: ECON 603, and (ECON 621, or ECON 624) or permission of department.*
0101 **(12404)** Hellerstein, J.
TuTh 2:00pm-3:15pm (TYD 1128)

ECON785 Advanced Economics of Natural Resources; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604; and (ECON 621 or ECON 624).* Advanced special students not permitted.
0101 **(12414)** Olson, L.
MW 2:00pm-3:15pm (ASY 3217)

ECON799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ECON808 *(PermReq)* **Workshop on Macroeconomics and Growth; (3)** S-F/AUD. ECON graduate students only.
0101 **(12463)** Shea, J.
W 3:30pm-6:00pm (TYD 1114)

ECON848 *(PermReq)* **Workshop in International Development, and Comparative Economics; (3)** S-F/AUD. ECON graduate students only.
0101 **(12473)** Panagariya, A.
M 3:30pm-6:00pm (TYD 0111)

ECON858 *(PermReq)* **Workshop in Public Economics; (3)** S-F/AUD. ECON graduate students only.
0101 **(12483)** Lyon, A.
W 3:30pm-6:00pm (TYD 1128)

ECON868 *(PermReq)* **Workshop in Industrial Organization; (3)** S-F/AUD. ECON graduate students only.
0101 **(12493)** Ausubel, L.
Tu 3:30pm-6:00pm (TYD 2110)

ECON878 *(PermReq)* **Workshop in Labor Economics; (3)** S-F/AUD. ECON graduate students only.
0101 **(12503)** STAFF
Th 3:30pm-6:00pm (TYD 2110)

ECON899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCI Curriculum and Instruction (Education)

EDCI273 Practicum in Ceramics; (3) REG/P-F/AUD. *For EDCI majors only. Not open to students who have completed a ceramics course. Formerly EDIT 273.*
0101 **(12601)** Hendricks, S.
MW 1:00pm-4:00pm (JMP 1215)

EDCI280 School Service Semester; (3) S-F. Students must complete application for field component in Office of Laboratory Experiences. Field component occurs during designated lab time.
0101 **(12611)** Gibbs, C.
Th 2:00pm-3:50pm (HBK 1108)
Th 8:00am-2:00pm (Arranged) Lab
0201 **(12612)** Leipzig, D.
M 2:00pm-3:50pm (HBK 1116)
M 8:00am-2:00pm (Arranged) Lab
0301 **(12613)** Fasulo, E.
Tu 2:00pm-3:50pm (ARC 1103)
Tu 8:00am-2:00pm (Arranged) Lab
0401 **(12614)** Handel, B.
W 2:00pm-3:50pm (EDU 2119)
W 8:00am-2:00pm (Arranged) Lab
0501 **(12615)** Wuertzer Magner, J.
Tu 2:00pm-3:50pm (HBK 1108)
Tu 8:00am-2:00pm (Arranged) Lab
0601 **(12616)** Wright, H.
Tu 2:00pm-3:50pm (JMZ 3120)
Tu 8:00am-2:00pm (Arranged) Lab

EDCI288E Special Topics in Teacher Education: Developmental Heuristics; (3) REG/P-F/AUD.
0101 **(12626)** Beyene, T.
Time and room to be arranged

EDCI288M Special Topics in Teacher Education: Tutoring in Remedial Mathematics; (1-3) REG/P-F/AUD. Prerequisite: MATH 210 and recommendation of instructor.
0101 **(12636)** Shearn, E.
Time and room to be arranged

EDCI288P Special Topics in Teacher Education: Cluster Seminar; (1) REG/P-F/AUD.
0101 **(12646)** Fey, J.
Time and room to be arranged

EDCI298 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI301 Teaching Art in the Elementary School; (3) REG/P-F/AUD. *For elementary and pre-elementary education majors only. Not open to art education majors.*
0101 **(12692)** Basseches, K.
M 9:00am-9:50am (EDU 4233)
M 10:00am-11:50am (EDU 1315) Lab
0201 **(12693)** Basseches, K.
M 9:00am-9:50am (EDU 4233)
W 9:00am-10:50am (EDU 1315) Lab
0301 **(12694)** Wright, H.
M 9:00am-9:50am (EDU 4233)
F 9:00am-10:50am (EDU 1315) Lab

EDCI305+ *(PermReq)* **Curriculum and Instruction in Elementary Education Cluster; (No credit)** NGI. *Restricted to students registering for the elementary education blocks.*. See individual course listings for days and times.
0101 **(12704)** STAFF
Time and room to be arranged
Section 0101 is teamed with EDCI 322A, 342A, 352A, 362A, and 372A.
0201 **(12705)** STAFF
Time and room to be arranged
Section 0201 is teamed with EDCI 322B, 342B, 352B, 362B, and 372B.

EDCI315 *(PermReq)* **The Young Child in the Social Environment; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 312; and EDCI 313 and EDHD 443A; and EDCI 488E; and EDHD 419A. Corequisites: EDCI 314; and EDCI 316; and EDCI 317; and EDHD 419B. For early childhood majors only.*
0101 **(12715)** Bridger, T.
Th 8:00am-9:50am (EDU 1315)
0201 **(12716)** Bridger, T.
Th 10:00am-11:50am (EDU 1315)

EDCI316 *(PermReq)* **The Teaching of Reading: Early Childhood; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 312; and EDCI 313; and EDCI 443A; and EDCI 488E; and EDHD 419A. Corequisites: EDCI 314; and EDCI 315; and EDCI 317; and EDHD 419B. For early childhood education majors only.* Course is offered in the spring semester only.
0101 **(12726)** Kortecamp, K.
M 12:00pm-1:50pm (EDU 2119)
Time and room to be arranged Lab
0201 **(12727)** Gambrell, L.
M 8:00am-9:50am (EDU 2119)
Time and room to be arranged Lab

EDCI322A *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342A, 352A, 362A and 372A. For registration purposes please refer to EDCI 305+.
0101 **(12737)** Jantz, R.
M 8:30am-10:20am (EDU 1107)
Time and room to be arranged Lab

EDCI322B *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342B, 352B, 362B, 372B. For registration purposes please refer to EDCI 305+.
0101 **(12747)** Vansledright, B.
Tu 1:00pm-2:50pm (EDU 2212)
Time and room to be arranged Lab

EDCI342A *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 352A, 362A, 372A and 322A. For registration purposes please refer to EDCI 305+.
0101 **(12757)** Davis, R.
M 10:30am-12:20pm (EDU 2101)
Time and room to be arranged Lab

EDCI342B *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 352B, 362B, 372B, 322B. For regisration purposes please refer to EDCI 305+.
0101 **(12767)** Gibbs, C.
Th 9:30am-11:20am (EDU 2101)
Time and room to be arranged Lab

EDCI351 The Teaching of Mathematics: Early Childhood; (3) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 312; EDCI 313 and EDHD 443A; and EDCI 488E; and EDHD 419A. Corequisites: EDCI 314; and EDCI 315; and EDCI 316; and EDCI 374; and EDCI 419B. For early childhood education majors only.*
0101 **(12777)** Handel, B.
Th 8:00am-10:00am (EDU 2121)
Time and room to be arranged Lab
0201 **(12778)** Campbell, P.
Th 10:15am-12:15pm (EDU 2121)
Time and room to be arranged Lab

EDCI352A *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342A, 362A, 372A, 322A. For registration purposes please refer to EDCI 305+.
0101 **(12788)** Wuertzer Magner, J.
W 9:30am-11:20am (EDU 2121)
Time and room to be arranged Lab

EDCI352B *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342B, 362B, 372B, 322B. For registration purposes please refer to EDCI 305+.
0101 **(12798)** Strutchens, M.
Tu 8:00am-9:50am (EDU 2121)
Time and room to be arranged Lab

EDCI362A *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322A, 342A, 352A, 372A. For registration purposes please refer to EDCI 305+.
0101 **(12808)** Holmberg, J.
M 1:00pm-2:50pm (EDU 2121)
Time and room to be arranged Lab

EDCI362B *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322B, 342B, 352B, 372B. For registration purposes please refer to EDCI 305+.
0101 **(12818)** Mazzoni, S.
Th 1:00pm-2:50pm (EDU 0206)
Time and room to be arranged Lab

EDCI371 Computers in the Science Classroom and Laboratory; (2) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 370. Corequisites: EDCI 470; and EDCI 471.*
0101 **(12828)** Layman, J.
Th 5:15pm-7:00pm (EDU 2212)

EDCI372A *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322A, 342A, 352A, 362A. For registration purposes please refer to EDCI 305+.
0101 **(12838)** McGinnis, J.
W 1:00pm-2:50pm (EDU 2212)
Time and room to be arranged Lab

EDCI372B *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322B, 342B, 352B, 362B. For registration purposes please refer to EDCI 305+.
0101 **(12848)** van Zee, E.
Tu 10:00am-11:50am (EDU 2212)
Time and room to be arranged Lab

EDCI374 The Teaching of Science: Early Childhood; (3) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 312; and EDCI 315 and EDHD 443A; and EDCI 488E; and EDHD 419A. Corequisites: EDCI 314; and EDCI 315; and EDCI 316; and EDCI 351; and EDHD 419B. For early childhood education majors only.*
0101 **(12858)** STAFF
M 8:00am-10:00am (EDU 2212)
W 1:00pm-4:00pm (Arranged) Lab
0201 **(12859)** van Zee, E.
M 11:00am-1:00pm (EDU 2212)
W 1:00pm-4:00pm (Arranged) Lab

EDCI385 Computers for Teachers; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. For education majors only. Credit will be granted for only one of the following: EDCI 385; or EDCI 487; or EDIT 406; or EDIT 477; or EDSP 480.*
0101 **(12869)** Gordon, C.
Tu 2:00pm-3:15pm (EDU 0202)
Th 2:00pm-3:15pm (EGR 3140)
0201 **(12870)** Sullivan, D.
M 8:30am-9:45am (EDU 0212)
W 8:30am-9:45am (EGR 3140)
0301 **(12871)** Gordon, C.
Tu 12:30pm-1:45pm (EDU 0202)
Th 12:30pm-1:45pm (EGR 3140)

EDCI386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

EDCI390 Principles and Methods of Secondary Education; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. Corequisites: EDHD 413 and EDHD 420. For education majors only.*
0101 **(12916)** McCaleb, J.
M 1:00pm-4:00pm (EDU 0114)
0201 **(12917)** Munyer, J.
Tu 1:00pm-4:00pm (EDU 2101)

EDCI397 Principles and Methods of Teaching in Elementary Schools; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. For education majors only.*
0101 **(12927)** Kortecamp, K.
TuTh 2:00pm-3:15pm (EDU 1315)
0201 **(12928)** Jantz, R.
MW 2:00pm-3:15pm (EDU 2101)
0301 **(12929)** Davis, R.
TuTh 9:30am-10:45am (EDU 2102)

EDCI401 Student Teaching in Elementary School: Art; (4-8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 300. For art education majors only.*
0101 **(12939)** Hendricks, S.
W 4:00pm-6:00pm (JMP 1215)

EDCI402 Student Teaching in Secondary Schools: Art; (2-8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 300. For art education majors only.* There is a $240 lab fee assigned to this course.
0101 **(12949)** Hendricks, S.
Time and room to be arranged

EDCI403 Teaching of Art Criticism in Public Schools; (3) REG/P-F/AUD.
0101 **(12959)** Ferris, J.
TuTh 2:00pm-3:15pm (TWS 2228)

EDCI407 Practicum in Art Education: Three-Dimensional; (3) REG/P-F/AUD. *For pre-art education and art education majors only.*
0101 **(12969)** Hendricks, S.
MW 10:00am-12:00pm (JMP 1215)

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 320 or EDCI 321. Corequisite: EDCI 421 or EDCI 422.*
0101 **(12979)** Johnson, D.
W 4:15pm-7:00pm (LEF 1201)

EDCI421 Student Teaching in Secondary Schools: Social Studies/History; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 320. Corequisite: EDCI 420.* There is a $240 lab fee assigned to this course.
0101 **(12989)** Cirrincione, J.
Time and room to be arranged

EDCI430 Student Teaching Seminar in Secondary Education: Foreign Language; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 330. Corequisite: EDCI 431.*
0101 **(12999)** De Lorenzo, W.
W 4:15pm-7:00pm (EDU 1315)

EDCI431 Student Teaching in Secondary Schools: Foreign Language; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 330. Corequisite: EDCI 430.* There is a $240 lab fee assigned to this course.
0101 **(13009)** De Lorenzo, W.
Time and room to be arranged

EDCI435 *(PermReq)* **Teaching Second Language Reading and Writing; (3)** REG. *Prerequisite: EDCI 434 or permission of department.*
0101 **(13019)** Wong, S.
Tu 4:15pm-7:00pm (JMZ 1215)

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; (1) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 340. Corequisite: EDCI 441.* Meets February 11, March 11, April 8, and May 6.
0101 **(13029)** McKillop, A.
W 4:15pm-5:45pm (JMZ 0202)

EDCI441 Student Teaching in Secondary Schools: English; (12) S-F. *Prerequisites: admission to teacher education program; and EDCI 340. Corequisite: EDCI 440.* There is a $240 lab fee assigned to this course.
0101 **(13039)** McKillop, A.
Time and room to be arranged

EDCI442 Student Teaching in Secondary Schools: Speech/English; (12) S-F. *Prerequisites: admission to teacher education program; and EDCI 340. Corequisite: EDCI 440.* There is a $240 lab fee assigned to this course.
0101 **(13049)** McCaleb, J.
Time and room to be arranged

EDCI443 Literature for Children and Youth; (3) REG/P-F/AUD. *For elementary education and pre-elementary education majors only.*
0101 **(13059)** Heidelbach, R.
Tu 12:00pm-3:00pm (EGR 3140)
0201 **(13060)** Holmberg, J.
Th 1:00pm-4:00pm (EDU 2102)
0301 **(13061)** Heidelbach, R.
Th 1:00pm-4:00pm (EDU 0212)
0401 **(13062)** Heidelbach, R.
Th 1:00pm-4:00pm (EDU 0212)

EDCI443A Literature for Children and Youth; (3) REG. *For elementary education and pre-elementary education majors only.* For ECE majors.
0101 **(13072)** Comas, J.
Tu 1:00pm-4:00pm (EDU 2119)
0201 **(13073)** Daniel, A.
Th 1:00pm-4:00pm (EDU 2119)

EDCI447 Field Experience in English, Speech, Theatre Teaching; (1) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 390; and EDHD 300S. Corequisite: EDCI 340. For education majors only.* Secondary English/speech/drama education majors only. Students must reserve one half day (or minimum of three hours) per week for observation.
0101 **(13083)** McKillop, A.
Time and room to be arranged

EDCI448 Student Teaching in Secondary Schools: Theatre/English; (12) S-F. There is a $240 lab fee assigned to this course.
0101 **(13093)** McCaleb, J.
Time and room to be arranged

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; 2.5 GPA; and EDCI 350; and EDCI 457. Corequisite: EDCI 451.*
0101 **(13103)** Davidson, N.
W 4:15pm-7:00pm (TWS 0138)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

EDCI451 Student Teaching in Secondary Schools: Mathematics; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 350; and EDCI 45~. Corequisite: EDCI 450.* There is a $240 lab fee assigned to this course.
0101 **(13113)** Davidson, N.
Time and room to be arranged

EDCI457 *(PermReq)* **Teaching Secondary Students with Difficulties in Learning Mathematics; (3)** REG. *Prerequisites: admission to teacher education program; and a 2.5 GPA; and permission of department required for post-baccalaureate students. Pre- or corequisite: EDHD 300. Corequisite: EDCI 390. For education majors only.* Some Thursday sessions will meet off-campus.
0101 **(13123)** Graeber, A.
Tu 3:10pm-4:25pm (EDU 2121)
Th 3:05pm-4:20pm (Arranged) Lab

EDCI460 *(PermReq)* **Student Teaching: Elementary/Middle; (15)** S-F. *Prerequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362; and EDCI 3~2. For Elementary Education majors only.* Limited to students in MCTP. There will be a $240 lab fee assigned to this course.
0101 **(13124)** Graeber, A.
Time and room to be arranged Lab

EDCI463 Reading in the Secondary School; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; or permission of department required for post-baccalaureate students. For education majors only.*
0101 **(13133)** Menke, D.
W 4:15pm-7:00pm (EDU 0212)

EDCI464 Reading Instruction and Diagnosis Across Content Areas; (3) REG/P-F/AUD. *Prerequisite: EDCI 362 or permission of department for graduate students.*
0101 **(13143)** Afflerbach, P.
Th 4:15pm-7:00pm (EDU 3315)
0201 **(13144)** Chambliss, M.
Tu 4:15pm-7:00pm (ARC 1103)
0301 **(13145)** Munyer, J.
M 4:15pm-7:00pm (EDU 1315)

EDCI466 Literature for Adolescents; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; permission of department required for post-baccalaureate students. For education majors only.*
0101 **(13155)** McCaleb, J.
Tu 7:00pm-9:45pm (EDU 0211)

EDCI467 Teaching Writing; (3) REG. *Prerequisites: EDHD 413S, EDHD 420, and EDCI 390; permission of department required for post-baccalaureate students.*
0101 **(13165)** Slater, W.
Th 4:15pm-7:00pm (EDU 0306)

EDCI470 Student Teaching Seminar in Secondary Education: Science; (1) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 3~0. Corequisites: EDCI 3~1; and EDCI 4~1.*
0101 **(13175)** Holliday, W.
Th 4:15pm-5:15pm (EDU 2212)

EDCI471 Student Teaching in Secondary Schools: Science; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 3~0. Corequisites: EDCI 3~1; and EDCI 4~0.* There is a $240 lab fee assigned to this course.
0101 **(13185)** Holliday, W.
Time and room to be arranged

EDCI481 *(PermReq)* **Student Teaching: Elementary; (12)** S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 322; and EDCI 342; and EDCI 362; and EDCI 3~2. Corequisite: EDCI 464.* Limited to elementary majors who have previously applied. There is a $240 lab fee assigned to this course.
0101 **(13195)** O'Flahavan, J.
Time and room to be arranged

EDCI484 Student Teaching in Elementary School: Music; (4-6) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and MUED 411; and MUED 420; and MUED 4~0; and MUED 4~1; and MUED 4~2. Corequisite: EDCI 494.* Limited to majors who have previously applied. Open to music education students enrolled in the Department of Curriculum and Instruction.
0101 **(13205)** Folstrom, R.
Time and room to be arranged

EDCI485 Student Teaching in Elementary School: Physical Education; (4-8) S-F. *For EDCI majors only.* Limited to majors who have previously applied.
0101 **(13215)** Owens, L.
Time and room to be arranged

EDCI489 *(PermReq)* **Field Experiences in Education; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI491 Student Teaching in Secondary Schools: Health; (12) S-F. *For EDCI majors only.* There is a $240 lab fee assigned to this course.
0101 **(13259)** Hyde, D.
Time and room to be arranged

EDCI494 Student Teaching in Secondary Schools: Music; (2-8) S-F. *For EDCI majors only.* There is a $240 lab fee assigned to this course.
0101 **(13269)** Folstrom, R.
Time and room to be arranged

EDCI495 Student Teaching in Secondary Schools: Physical Education; (2-8) S-F. *For EDCI majors only.* There is a $240 lab fee assigned to this course.
0101 **(13279)** Owens, L.
Time and room to be arranged

EDCI498 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI630 Trends and Issues in Second Language Teaching, Learning and Assessment; (3) REG/AUD.
0101 **(13334)** De Lorenzo, W.
Th 4:15pm-7:00pm (EDU 1315)

EDCI631 Student Assessment in the Second Language Classroom; (3) REG/AUD.
0101 **(13344)** Lowe, P.
M 4:15pm-7:00pm (TWS 0138)

EDCI637 *(PermReq)* **Advanced Laboratory Practice in Foreign Language/TESOL Education; (2-6)** REG/AUD. *Prerequisites: EDCI 434; and EDCI 634; or permission of department.* There is a $240 lab fee assigned to this course.
0101 **(13354)** Wong, S.
Time and room to be arranged

EDCI640 Trends in Secondary School Curriculum: English; (3) REG/AUD.
0101 **(13364)** Slater, W.
Tu 7:00pm-9:45pm (EDU 1315)

EDCI654 Assessing Mathematical Understanding; (3) REG/AUD. *Prerequisite: EDCI 650 or permission of department.*
0101 **(13374)** Graeber, A.
M 4:15pm-7:00pm (EDU 2121)

EDCI661 Content Area Reading; (3) REG/AUD. *Prerequisite: EDCI 362 or EDCI 463 or equivalent.*
0101 **(13384)** Chambliss, M.
Th 4:15pm-7:00pm (ASY 3207)

EDCI665 Clinical Instruction in Reading; (3) REG/AUD. *Prerequisite: EDCI 664 or permission of department.* For reading majors only.
0101 **(13394)** Codling, R.
Tu 4:15pm-7:00pm (EDU 1210B)

EDCI666 Role of the Reading Resource Teacher; (3) REG/AUD. *Prerequisites: EDCI 660 and EDCI 661 or permission of department.*
0101 **(13404)** Dreher, M.
M 4:15pm-7:00pm (EDU 2101)

EDCI671 Teaching Science in Elementary Schools; (3) REG/AUD.
0101 **(13414)** McGinnis, J.
Tu 4:15pm-7:00pm (EDU 2212)

EDCI696 *(PermReq)* **Conducting Research on Teaching; (3)** REG. *Prerequisite: permission of department.* Master's certification students only.
0101 **(13445)** Price, J.
Th 4:15pm-7:00pm (EDU 0202)
0201 **(13446)** O'Flahavan, J.
Th 4:15pm-7:00pm (EDU 2102)

EDCI732 Psycholinguistic Theory in Second Language Acquisition; (3) REG/AUD. *Prerequisites: {EDCI 434 and EDCI 630} or permission of department.*
0101 **(13456)** Wong, S.
W 4:15pm-7:00pm (JMZ 1224)

EDCI750 Theory and Research in Mathematics Education; (3) REG/AUD. *Prerequisite: EDCI 650.*
0101 **(13466)** Fey, J.
W 4:15pm-7:00pm (EDU 2121)

EDCI770 Foundations of Science Education; (3) REG/AUD. *Prerequisite: EDCI 6~0 or EDCI 6~1; or permission of department.*
0101 **(13476)** Holliday, W.
W 4:15pm-7:00pm (EDU 2212)

EDCI780 Theory and Research on Teaching; (3) REG/AUD.
0101 **(13486)** Vansledright, B.
Th 4:15pm-7:00pm (EDU 2101)

EDCI788 Selected Topics in Teacher Education; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI788G *(PermReq)* **Selected Topics in Teacher Education: Pro Seminar; (1)** REG. Master's certification students only.
0101 **(13530)** McCaleb, J.
Th 1:00pm-2:30pm (EDU 2101)
0201 **(13531)** McCaleb, J.
Th 2:30pm-4:00pm (EDU 2101)

EDCI798 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCI858 Seminar in Mathematics Education; (1-3) REG/AUD.
0101 **(13618)** Fey, J.
F 10:00am-12:00pm (EDU 2121)
Time and room to be arranged Lab

EDCI861 Research Methods in Reading; (3) REG/AUD. *Prerequisites: EDCI 685, and EDCI ~69, and {EDMS 646 or permission of instructor}.*
0101 **(13628)** Dreher, M.
Th 4:15pm-7:00pm (EDU 0114)

EDCI880 *(PermReq)* **Doctoral Proposal Seminar; (3)** REG/AUD. *Prerequisites: EDCI 685; and EDCI ~80; and permission of department.*
0101 **(13638)** Jantz, R.
W 4:15pm-7:00pm (EDU 0210)

EDCI888 *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI888A *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. There is a $240 lab fee assigned to this course.

EDCI889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP Education Counseling and Personnel Services (Education)

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; (1) REG/P-F/AUD.
0101 **(13814)** Van Brunt, J.
Meets 01/27/98-03/20/98
MWF 9:00am-9:50am (SHM 2101)
0201 **(13815)** Van Brunt, J.
Meets 03/30/98-05/13/98
MWF 9:00am-9:50am (SHM 2101)
0301 **(13816)** Van Brunt, J.
Meets 03/30/98-05/13/98
MWF 12:00pm-1:00pm (LEF 2166)

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; (1) REG/P-F/AUD.
0101 **(13826)** STAFF
M 10:00am-12:00pm (ASY 3217)
0201 **(13827)** STAFF
M 1:00pm-3:00pm (HBK 0123)
0301 **(13828)** STAFF
M 2:00pm-4:00pm (TWS 2228)
0401 **(13829)** STAFF
Tu 1:00pm-3:00pm (COL 3112)
0501 **(13830)** STAFF
Tu 10:00am-12:00pm (JMP 3104)
0601 **(13831)** STAFF
W 10:00am-12:00pm (ARC 1127)
0701 **(13832)** STAFF
W 1:00pm-3:00pm (ARM 0119)
0801 **(13833)** STAFF
Th 10:00am-12:00pm (TWS 2228)

EDCP108K *(PermReq)* **College and Career Advancement: Concepts and Skills: Reading at the College Level; (1)** REG/P-F/AUD.
0101 **(13843)** Hayeslip, M.
W 3:00pm-3:50pm (EDU 0212)

EDCP108L College and Career Advancement: Concepts and Skills: Listening and Notetaking; (1) REG/P-F/AUD.
0101 **(13853)** Davis, T.
Th 1:00pm-3:00pm (LEF 2166)

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; (1) REG/AUD. Enrollment limited to students concurrently enrolled in MATH 001 or MATH 002.
0101 **(13863)** STAFF
Meets 01/27/98-04/03/98
MWF 9:00am-9:50am (TLF 1103)

EDCP108N College and Career Advancement: Concepts and Skills: Academic and Career Advancement: Minority Students; (1) REG.
0101 **(13873)** STAFF
M 11:00am-12:00pm (HBK 1108)
0201 **(13874)** Smith, J.
W 12:00pm-1:00pm (HBK 0125)
Restricted to freshmen, sophomores and transfer students.
0301 **(13875)** Zeigler, R.
F 11:00am-12:00pm (HBK 0125)
Restricted to first-year students and sophomores.
0501 **(13876)** Jackson, J.
Tu 1:00pm-2:00pm (HBK 0125)
0701 **(13877)** Zoppi, I.
M 2:00pm-3:00pm (HBK 1108)
Restricted to first-year students and sophomores.
0801 **(13878)** Hernandez, J.
Th 11:00am-12:00pm (HBK 1116)

EDCP108O College and Career Advancement: Concepts and Skills; (1) REG/P-F/AUD.
0102 **(13879)** Strauch, G.
W 3:00pm-5:00pm (KEY 0120)
0901 **(13880)** Anderson, A.
Tu 9:00am-11:00am (SYM 0115)

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; (1) REG/P-F/AUD.
0101 **(13888)** Greenfeig, B.
W 1:00pm-3:00pm (EDU 1210B)
0201 **(13889)** Goldberg, B.
Th 12:30pm-2:30pm (EDU 0210)

EDCP108T College and Career Advancement: Concepts and Skills: Time Management; (1) REG.
0101 **(13899)** Greenfeig, B.
M 11:00am-1:00pm (HBK 0125)

EDCP108W College and Career Advancement: Concepts and Skills: Concepts and Skills; (1) REG/P-F/AUD.
0101 **(13900)** STAFF
M 2:00pm-4:00pm (EDU 0210)

EDCP108X College and Career Advancement: Concepts and Skills: International Students; (1) REG/P-F/AUD. The goal of the course is to orient the student to the academic and social cultures of an American university.
0101 **(13909)** Friesen, F.
Th 3:15pm-4:30pm (COL 3114)

EDCP310 Peer Counseling Theory and Skills; (3) REG/P-F/AUD.
0101 **(13919)** STAFF
MW 9:30am-10:45am (EDU 2102)
0201 **(13920)** STAFF
TuTh 9:30am-10:45am (EDU 0202)

EDCP310A *(PermReq)* **Peer Counseling Theory and Skills; (3)** REG. Minority peer counseling. Instructor permission required.
0101 **(13930)** Jackson, J.
W 2:00pm-4:45pm (HBK 0103)

EDCP317 Introduction to Leadership; (3) REG/P-F/AUD.
0101 **(13940)** STAFF
TuTh 11:00am-12:15pm (EDU 0114)
0201 **(13941)** STAFF
MW 10:00am-11:15am (EDU 0206)
0301 **(13942)** STAFF
TuTh 9:30am-10:45am (EDU 0212)
0401 **(13943)** STAFF
TuTh 2:00pm-3:15pm (JMZ 2120)
0501 **(13944)** Slack, C.
MW 2:00pm-3:15pm (JMZ 2122)

EDCP318 *(PermReq)* **Leadership and Community Service; (3)** REG/P-F/AUD.
0101 **(13953)** Schneider, M.
WF 9:30am-10:45am (EDU 3236)

EDCP386 *(PermReq)* **Experiential Learning; (3)** REG. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Special EDCP form required.
0101 **(13963)** Komives, S.
Time and room to be arranged

EDCP417 *(PermReq)* **Advanced Leadership Seminar; (3)** REG/P-F/AUD. *Prerequisite: EDCP 31~ or equivalent; permission of department.*
0101 **(13973)** STAFF
Th 1:15pm-4:00pm (JMZ 2102)

EDCP420 Education and Racism; (3) REG/AUD. DIVERSITY
0101 **(13983)** Pope-Davis, D.
Th 1:00pm-4:00pm (EDU 3236)

EDCP470 *(PermReq)* **Introduction to Student Personnel; (3)** REG/P-F/AUD. *Prerequisite: permission of department.* 0101, 0201, 0301, and 0401 for para-professionals in the residence halls. 0601; for orientation advisors.
0101 **(13993)** Morrison, D.
M 3:00pm-5:45pm (JMZ 0202)
0201 **(13994)** Morrison, D.
M 6:00pm-8:45pm (ASY 3215)
0301 **(13995)** Morrison, D.
Tu 3:30pm-6:15pm (Arranged)
0401 **(13996)** Morrison, D.
W 2:00pm-4:45pm (Arranged)
0501 **(13997)** Morrison, D.
W 6:00pm-8:45pm (JMZ 0208)
0601 **(13998)** STAFF
TuTh 11:00am-12:15pm (EDU 0212)

EDCP489 *(PermReq)* **Field Experiences in Counseling and Personnel Services; (1-4)** REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP498 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP611 Career Development Theory and Programs; (3) REG/AUD.
0201 **(14047)** Power, P.
Th 4:15pm-7:00pm (EDU 1121)

EDCP612 *(PermReq)* **Cross-Cultural Issues in Counseling and Personnel Services; (3)** REG/AUD. *Prerequisites: EDMS 646; and EDCP 616; or permission of department.*
0201 **(14057)** Sedlacek, W.
Th 1:00pm-4:00pm (EDU 0202)

EDCP615 *(PermReq)* **Counseling I: Appraisal; (3)** REG/AUD. *Corequisite: EDCP 618. For EDCP majors only.*
0101 **(14067)** STAFF
Tu 4:15pm-7:00pm (EDU 4233)
0201 **(14068)** STAFF
Tu 4:15pm-7:00pm (EDU 1121)

EDCP617 Group Counseling; (3) REG. *Prerequisite: EDCP 616.*
0101 **(14078)** Richie, B.
M 4:15pm-7:00pm (EDU 0202)

EDCP618 *(PermReq)* **Counseling Skills: Introduction to Practicum; (1)** REG. Corequisite: EDCP 615.
0101 **(14088)** Hoffman, M.
M 7:00pm-9:00pm (EDU 0212) Lab

EDCP619S *(PermReq)* **Practicum in Counseling: Schools; (3)** REG. Limited to school counseling.
0101 **(14098)** Greenberg, K.
Tu 4:15pm-7:00pm (ASY 3203)
0201 **(14099)** Lent, R.
Tu 4:15pm-7:00pm (TWS 0147)

EDCP619U *(PermReq)* **Practicum in Counseling; (3)** REG. Limited to CSPA majors only.
0101 **(14109)** STAFF
Tu 4:15pm-7:00pm (ARC 1127)
0201 **(14110)** STAFF
Th 3:00pm-6:00pm (EDU 0210)

EDCP633 *(PermReq)* **Diagnostic Appraisal of Children I; (3)** REG. *Prerequisite: EDCP 632.*
0101 **(14120)** Teglasi-Golubcow, H.
Tu 9:30am-12:15pm (EDU 3236)

EDCP636 School Consultation II; (3) REG/AUD. *Prerequisites: EDCP 635, limited to school psychology students or permission of instructor.*
0101 **(14130)** Rosenfield, S.
W 3:15pm-6:00pm (Arranged)

EDCP655 Organization and Administration of Personnel Services; (2) REG/AUD. *Prerequisite: EDCP 619 or permission of department.*
0101 **(14140)** Komives, S.
W 3:15pm-6:00pm (EDU 3236)

EDCP656 Counseling and Personnel Services Seminar; (2) REG/AUD.
0201 **(14150)** Greenberg, K.
W 4:15pm-7:00pm (EDU 0202)

EDCP663 *(PermReq)* **Rehabilitation in Long-Term Mental Disabilities; (3)** REG/AUD. *Prerequisite: EDCP 610 or permission of department.*
0101 **(14160)** Fabian, E.
W 4:15pm-7:00pm (ASY 3219)

EDCP664 Vocational Evaluation; (3) REG/AUD.
0101 **(14170)** Power, P.
Tu 4:15pm-7:00pm (EDU 1315)

EDCP668 Special Topics in Rehabilitation: The Placement Process; (3) REG.
0101 **(14180)** Reile, D.
W 4:15pm-7:00pm (EDU 2101)

EDCP717 *(PermReq)* **Evaluation of Research in Counseling; (3)** REG/AUD. *Prerequisite: permission of department.* Restricted to Counseling Psychology students or by permission of department.
0101 **(14190)** Lent, R.
W 1:00pm-4:00pm (EDU 2102)

EDCP718 Advanced Seminar in Group Processes; (3) REG/AUD.
0101 **(14200)** Phillips, P.
Tu 2:00pm-5:00pm (JMZ 2102)

EDCP735 Seminar in Rehabilitation Counseling; (3) REG/AUD.
0101 **(14210)** Hershenson, D.
Tu 1:00pm-4:00pm (EDU 3236)

EDCP738 *(PermReq)* **Practicum in Child Assessment: Practicum in Assessment; (3)** REG/AUD.
0101 **(14220)** Teglasi-Golubcow, H.
Th 9:30am-12:30pm (EDU 3236) Lab

EDCP745 *(PermReq)* **Supervision of Counseling; (3)** REG/AUD. *Prerequisite: permission of department. Open to doctoral students only. For EDCP majors only.*
0101 **(14230)** STAFF
Tu 4:00pm-6:00pm (ARC 1101)

EDCP771 The College Student; (3) REG/AUD. Limited to Master's CSPA students.
0101 **(14240)** McEwen, M.
M 1:00pm-4:00pm (EDU 1315)

EDCP776 *(PermReq)* **Modification of Human Behavior: Laboratory and Practicum; (3)** REG/AUD. *Prerequisite: permission of department.* Limited to Counseling Psychology students.
0101 **(14241)** Westbrook, F.
Tu 1:00pm-4:00pm (SHM 1103)

EDCP778 Research Proposal Seminar; (3) REG.
0101 **(14250)** Pope-Davis, D.
Tu 12:00pm-3:00pm (PLS 1172)

EDCP789B *(PermReq)* **Advanced Topics in Counseling and Personnel Services: School-Based Behavioral Interventions; (3)** REG.
0101 **(14260)** Rosenfield, S.
Th 4:15pm-7:00pm (EDU 1210B)

EDCP789I Advanced Topics in Counseling and Personnel Services: Professional Issues in Counseling Psychology; (1) REG/AUD. Restricted to Counseling Psychology Students.
0101 **(14270)** Hoffman, M.
Time and room to be arranged
0201 **(14271)** STAFF
Time and room to be arranged

EDCP789K Advanced Topics in Counseling and Personnel Services: Environmental Assessment and Design; (3) REG/AUD.
0101 **(14281)** Komives, S.
Tu 4:15pm-7:00pm (EDU 3236)

EDCP789P Advanced Topics in Counseling and Personnel Services: School Psychology Seminar; (1) REG/AUD. Restricted to school psychology majors.
0101 **(14291)** STAFF
Tu 1:00pm-3:00pm (COL 3114)

EDCP789X Advanced Topics in Counseling and Personnel Services: Consultation; (3) REG. Limited to counseling psychology students.
0101 **(14311)** Richie, B.
Tu 1:00pm-4:00pm (EDU 0210)

EDCP798 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP888 *(PermReq)* **Apprenticeship in Counseling and Personnel Services; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP888C Apprenticeship in Counseling and Personnel Services: Community Counseling Apprenticeship; (4) REG.
0201 **(14431)** Hershenson, D.
W 2:00pm-4:00pm (EDU 3233)
Time and room to be arranged Dis

EDCP888G *(PermReq)* **Apprenticeship in Counseling and Personnel Services: School Counseling; (1-3)** REG. For school counseling students only.
0101 **(14441)** Greenberg, K.
Time and room to be arranged
0201 **(14442)** Lent, R.
Time and room to be arranged

EDCP888R Apprenticeship in Counseling and Personnel Services; (3) REG. For second year Rehabilitation Counseling students only.
3501 **(14452)** Scales, W.
M 7:00pm-9:30pm (Arranged)

EDCP888S Apprenticeship in Counseling and Personnel Services: School Psychology; (1-8) REG/AUD.
0101 **(14462)** Rogers, M.
Tu 4:30pm-6:30pm (ASY 3221)

EDCP889 Internship in Counseling and Personnel Services: School Psychology; (1-8) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDHD Education, Human Development (Education)

EDHD230 Human Development and Societal Institutions; (3) REG/AUD. CORE: SB DIVERSITY
0101 **(14599)** Rodriguez, D.
TuTh 9:30am-10:45am (EDU 2119)
0201 **(14600)** Horn, S.
TuTh 11:00am-12:15pm (EDU 3233)

EDHD300E *(PermReq)* **Human Development and Learning; (6)** REG/AUD. *Prerequisite: admission to teacher education program.* Elementary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied.
0201 **(14610)** STAFF
MW 2:00pm-4:00pm (EDU 1107)
F 8:00am-1:00pm (Arranged) Lab
0301 **(14611)** Eliot, J.
TuTh 9:00am-11:00am (EDU 3315)
W 8:00am-1:00pm (Arranged) Lab

EDHD306 Study of Human Behavior; (3) REG/AUD.
0101 **(14621)** STAFF
TuTh 2:00pm-3:15pm (COL 3111)
0201 **(14622)** STAFF
MWF 12:00pm-12:50pm (EDU 1107)
0401 **(14623)** Mucherah, W.
TuTh 9:30am-10:45am (EDU 1121)

EDHD320 Human Development through the Lifespan; (3) REG/AUD.
0201 **(14633)** STAFF
TuTh 11:00am-12:15pm (EDU 3315)
0301 **(14634)** STAFF
MWF 10:00am-10:50am (EDU 1121)
0401 **(14635)** STAFF
TuTh 2:00pm-3:15pm (EDU 3233)

EDHD386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

EDHD400 Introduction to Gerontology; (3) REG/AUD.
0101 **(14670)** Smith, G.
M 4:15pm-7:00pm (EDU 4233)

EDHD411 Child Growth and Development; (3) REG/AUD.
0201 **(14680)** STAFF
TuTh 11:00am-12:15pm (EDU 2119)

EDHD413 Adolescent Development; (3) REG/AUD.
0101 **(15253)** Gardner, A.
Tu 4:15pm-7:00pm (EDU 0206)
0201 **(14690)** Nettles, S.
Tu 4:15pm-7:00pm (EDU 3315)
0301 **(14691)** Wigfield, A.
MWF 10:00am-10:50am (EDU 0114)
0401 **(14692)** STAFF
MWF 11:00am-11:50am (EDU 0114)

EDHD417 Laboratory in Behavior Analysis; (3) REG/AUD. *Prerequisite: EDHD 416.*
0101 **(14702)** STAFF
Time and room to be arranged

EDHD419B Human Development and Learning in School Settings: Human Development and Learning; (3) REG/AUD. For students who were enrolled in EDHD 419A the preceding fall. For early childhood majors only.
0101 **(14712)** Jones Harden, B.
Tu 10:00am-12:00pm (EDU 1107)
W 8:00am-1:00pm (Arranged) Lab

EDHD420 Cognitive Development and Learning; (3) REG/AUD. *Prerequisite: EDHD 300 or EDHD 320 or EDHD 411 or PSYC 355 or PSYC 341 or permission of department.*
0101 **(14722)** STAFF
MWF 10:00am-10:50am (EDU 3315)
0201 **(14723)** STAFF
MWF 11:00am-11:50am (EDU 3315)

EDHD421 Student Teaching: Preschool; (4) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 314; and EDCI 315; and EDCI 316; and EDCI 317; and EDHD 419B. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 421 or EDCI 411. Formerly EDCI 411.*
0101 **(14733)** STAFF
Time and room to be arranged

EDHD422 Students Teaching: Kindergarten; (4) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 314; and EDCI 315; and EDCI 316; and EDCI 317; and EDHD 419B. Corequisites: EDCI 411; and EDCI 413. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 422 or EDCI 412. Formerly EDCI 412.*
0101 **(14743)** STAFF
Time and room to be arranged

EDHD423 Student Teaching: Primary Grades; (8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 314; and EDCI 315; and EDCI 316; and EDCI 317; and EDHD 419B. Corequisites: EDCI 411; and EDCI 412. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 423 or EDCI 413. Formerly EDCI 413.* Only one lab fee of $170 is required for registration of any or all three of these courses: EDHD 421, EDHD 422, and EDHD 423.
0101 **(14753)** STAFF
Time and room to be arranged

EDHD430 Adolescent Violence; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or EDHD 300 or permission of department.*
0101 **(14763)** Marcus, R.
M 4:15pm-7:00pm (EDU 3233)

EDHD445 Guidance of Young Children; (3) REG/AUD. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.*
0201 **(14773)** Marcus, R.
TuTh 2:00pm-3:15pm (EDU 4233)
0501 **(14774)** Marcus, R.
TuTh 11:00am-12:15pm (EDU 1121)

EDHD460 Educational Psychology; (3) REG/AUD. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.*
0101 **(14784)** Alexander, P.
MW 3:00pm-4:15pm (EDU 1121)
0201 **(14785)** STAFF
M 4:15pm-7:00pm (EDU 0114)

EDHD489 *(PermReq)* **Field Experiences in Education; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD498 *(PermReq)* **Special Problems in Education; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD499S Workshops, Clinics, and Institutes: Promoting Optimal Aging; (3) REG/P-F/AUD.
0101 **(14845)** Smith, G.
Th 4:15pm-7:00pm (ASY 3203)

EDHD600 Introduction to Human Development and Child Study; (3) REG/AUD.
0101 **(14855)** Nettles, S.
W 7:00pm-9:45pm (EDU 3315)

EDHD602 Social Bases of Behavior; (3) REG/AUD.
0101 **(14865)** Killen, M.
Tu 4:15pm-7:00pm (EDU 0114)

EDHD603 Integrative Bases of Behavior; (3) REG/AUD. *Prerequisites: EDHD 600 or equivalent; and EDHD 601; and EDHD 602.* Course is offered in the spring semester only.
0101 **(14875)** STAFF
Tu 7:00pm-9:45pm (EDU 1108)

EDHD612 Teaching Strategies in Early Childhood; (3) REG/S-F. *Not open to students who have completed EDCI 612. Credit will be granted for only one of the following: EDHD 612 or EDCI 612. Formerly EDCI 612.*
0101 **(14885)** Klein, E.
W 4:15pm-7:00pm (EDU 0114)

EDHD614 Intellectual and Creative Experiences in Early Childhood Education; (3) REG/AUD. *Credit will be granted for only one of the following: EDHD 614 or EDCI 614. Formerly EDCI 614.*
0101 **(14895)** Seefeldt, C.
Th 4:15pm-7:00pm (EDU 0211)

EDHD615 *(PermReq)* **Advanced Laboratory in Behavior Analysis II; (3)** REG/AUD. *Prerequisite: EDHD 613 or equivalent.*
0101 **(14905)** Rubin, K.
W 12:15pm-3:00pm (EDU 1108)

EDHD616 Teacher-Parent Relationships; (3) REG/AUD. *Credit will be granted for only one of the following: EDHD 616 or EDCI 613. Formerly EDCI 613.*
0101 **(14915)** Jones Harden, B.
M 7:00pm-9:45pm (EDU 3315)

EDHD640 The Adult Learner; (3) REG/AUD.
0101 **(14925)** Eliot, J.
Th 7:00pm-9:45pm (EDU 3315)

EDHD692 *(PermReq)* **Cognitive Basis of Instruction; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(14936)** Guthrie, J.
W 4:15pm-7:00pm (EDU 2102)

EDHD721 Learning Theory and the Educative Process I; (3) REG/AUD.
0101 **(14946)** Metsala, J.
Tu 7:00pm-9:45pm (EDU 3233)
0201 **(14947)** Byrnes, J.
Tu 1:00pm-3:45pm (EDU 0206)

EDHD722 Learning Theory and the Educative Process II; (3) REG/AUD. *Prerequisite: EDHD 721 or permission of department.*
0101 **(14957)** Alexander, P.
Th 4:15pm-7:00pm (ARC 1101)

EDHD779K *(PermReq)* **Special Topics in Human Development: Seminar in Early Childhood; (3)** REG/AUD.
0101 **(14968)** Klein, E.
M 1:00pm-3:20pm (EDU 1210B)

EDHD779R Special Topics in Human Development; (3) REG/AUD.
0101 **(14977)** Rubin, K.
F 10:00am-12:30pm (EDU 1108)

EDHD780 Research Methods in Human Development; (3) REG/AUD. *Prerequisite: EDMS 651 or permission of department.*
0101 **(14978)** Guthrie, J.
Tu 4:15pm-7:00pm (TWS 2228)

EDHD789 *(PermReq)* **Internship in Human Development; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD798 *(PermReq)* **Special Problems in Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDHD799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDHD811 Physical Processes in Human Development II; (3) REG/AUD. *Prerequisite: EDHD 810 or permission of department.* Limited to doctoral students. Course is offered in the spring semester only.
0101 **(15082)** Porges, S.
M 1:00pm-3:45pm (EDU 3236)

EDHD821 Socialization Processes in Human Development II; (3) REG/AUD. *Prerequisite: EDHD 820 or permission of department.* Limited to doctoral students.
0101 **(15092)** Torney-Purta, J.
W 4:15pm-7:00pm (EDU 0211)

EDHD831 Self Processes in Human Development II; (3) REG/AUD. *Prerequisite: EDHD 830 or permission of department.* Course is offered in the spring semester only.
0101 **(15102)** Wigfield, A.
Th 4:15pm-7:00pm (ASY 3219)

EDHD860 Synthesis of Human Development Concepts; (3) REG/AUD. *Prerequisites: EDHD 810; and EDHD 820; and EDHD 830.*
0101 **(15112)** Flatter, C.
M 4:15pm-7:00pm (EDU 2102)

EDHD878 Team Research in Human Development; (3) REG/AUD.
0101 **(15122)** Metsala, J.
Th 1:00pm-3:45pm (JMZ 2125)
0201 **(15123)** Torney-Purta, J.
W 4:15pm-7:00pm (ASY 3221)
0301 **(15124)** Flatter, C.
Tu 4:15pm-7:00pm (TWS 0138)

EDHD884 *(PermReq)* **Laboratory in Emotional Development; (3)** REG/AUD. *Prerequisite: EDHD 814 or permission of department.*
0101 **(15134)** Fox, N.
Time and room to be arranged

EDHD888 *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Classroom Assessment; (3) REG/AUD. *Junior standing.*
0101 **(15268)** Alvestad, K.
Tu 4:15pm-7:00pm (ASY 3219)
0102 **(15269)** Tippets, E.
M 1:00pm-3:45pm (EDU 2102)

EDMS451 Introduction to Educational Statistics; (3) REG/AUD. *Junior standing.*
0101 **(15279)** Deayala, R.
MW 12:30pm-1:45pm (EDU 4233)
0201 **(15280)** Macready, G.
TuTh 2:00pm-3:15pm (EDU 3315)
0301 **(15281)** STAFF
TuTh 2:00pm-3:15pm (JMZ 1122)
0401 **(15282)** STAFF
TuTh 12:30pm-1:45pm (EDU 3315)
0501 **(15283)** STAFF
MW 10:00am-11:15am (EDU 2119)

EDMS465 Algorithmic Methods in Educational Research; (3) REG/AUD. *Prerequisite: EDMS 451 or equivalent.*
0101 **(15293)** Deayala, R.
Th 4:15pm-7:00pm (ASY 1213)

EDMS645 Quantitative Research Methods I; (3) REG/AUD.
0101 **(15303)** Johnson, C.
Th 4:15pm-7:00pm (EDU 0212)
0102 **(15304)** Johnson, C.
Tu 4:15pm-7:00pm (EDU 0212)

EDMS646 Quantitative Research Methods II; (3) REG/AUD. *Prerequisite: EDMS 645.*
0101 **(15314)** Tippets, E.
M 7:00pm-9:45pm (EDU 1121)
0102 **(15315)** Macready, G.
Th 4:15pm-7:00pm (ASY 3221)

EDMS651 Intermediate Statistics in Education; (3) REG/AUD. *Prerequisite: EDMS 646 or equivalent.* EDMS majors must take one credit of EDMS 779 concurrently.
0101 **(15325)** Hancock, G.
Th 7:00pm-9:45pm (EDU 1121)
0102 **(15326)** Johnson, C.
MW 5:00pm-6:15pm (EDU 1107)

EDMS722 Structural Modeling; (3) REG/AUD. *Prerequisite: EDMS 657.*
0101 **(15336)** Hancock, G.
Tu 7:00pm-9:45pm (EDU 2102)

EDMS747 Design of Program Evaluations; (3) REG/AUD. *Prerequisites: EDMS 626; and EDMS 647; and EDMS 651 or permission of both department and instructor.*
0101 **(15346)** Lissitz, R.
W 7:00pm-9:45pm (EDU 0212)

EDMS769A Special Topics in Applied Statistics in Education: Survey/Sample Methods; (3) REG/AUD.
0101 **(15356)** Dayton, C.
W 4:15pm-7:00pm (EDU 1121)

EDMS769B Special Topics in Applied Statistics in Education: Design, Data Collection and Analysis of National Data Sets; (3) REG/AUD.
0101 **(15366)** Peng, S.
M 5:00pm-7:45pm (TWS 2212)

EDMS771 Multivariate Experimental Design; (3) REG/AUD. *Prerequisite: EDMS 646.* EDMS majors must take one credit of EDMS 779 concurrently. Course is offered in the spring semester only.
0101 **(15376)** Dayton, C.
TuTh 5:45pm-7:00pm (EDU 2119)

EDMS779 Seminar in Applied Statistics; (1) REG/AUD. Restricted to department majors only. One credit must be taken concurrently with EDMS 651 and EDMS 771.
0101 **(15386)** Dayton, C.
Time and room to be arranged Lab
0201 **(15387)** Hancock, G.
Time and room to be arranged Lab
0301 **(15388)** Johnson, C.
Time and room to be arranged Lab

EDMS798 Special Problems in Education; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDMS799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDMS889 Internship in Measurement and Statistics; (3-8) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDMS899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDPA Education Policy, Planning and Administration (Education)

EDPA301 Foundations of Education; (3) REG/P-F/AUD.
Prerequisite: junior standing and admission to teacher education; or Bachelor's degree with permission of department.
0101 **(15475)** Herschbach, D
MW 11:00am-12:15pm (EDU 3233)
0201 **(15476)** Herschbach, D.
MW 12:30pm-1:45pm (EDU 3233)
0301 **(15477)** STAFF
W 7:00pm-9:45pm (EDU 2119)
0401 **(15478)** Baytop, P.
TuTh 11:00am-12:15pm (EDU 4233)
0501 **(15479)** Splaine, J.
TuTh 12:30pm-1:45pm (EDU 1121)
0601 **(15480)** Splaine, J.
TuTh 2:00pm-3:15pm (EDU 1121)

EDPA386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

EDPA489 Field Experiences in Education; (1-4) REG/P-F/AUD.
Individual Instruction course: contact department or instructor to obtain section number. Interns in administration register for section 1901. All others contact department or faculty member for individual faculty section number.

EDPA498 *(PermReq)* **Special Problems in Education; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA615 Economics of Education; (3) REG/AUD.
0101 **(15577)** Rice, J.
M 7:00pm-9:45pm (EDU 0211)

EDPA622 Education Policy, Values, and Social Change; (3) REG/AUD.
0101 **(15587)** Mintrop, H.
Th 4:15pm-7:00pm (ASY 3211)

EDPA634 The School Curriculum; (3) REG/AUD.
0101 **(15597)** Selden, S.
M 7:00pm-9:45pm (EDU 2101)

EDPA635 Principles of Curriculum Development; (3) REG/AUD.
0101 **(15607)** Hultgren, F.
Tu 4:15pm-7:00pm (EDU 0211)

EDPA640 Introduction to Educational Administration; (3) REG/AUD.
0101 **(15617)** Andrews, J.
Th 4:15pm-7:00pm (EDU 0206)

EDPA641 Planning and Goal Setting In Educational Organizations; (3) REG/AUD.
0101 **(15627)** Goldman, H.
M 4:15pm-7:00pm (EDU 3236)

EDPA646 Leadership for Instructional Improvement; (3) REG/AUD. *Prerequisite: EDPA 645 or permission of instructor.*
0101 **(15637)** Dudley, J.
W 7:00pm-9:45pm (EDU 3236)

EDPA652 Higher Education in American Society; (3) REG/AUD.
0101 **(15647)** Berdahl, R.
W 7:00pm-9:45pm (EDU 2102)

EDPA657 History of Higher Education in the United States; (3) REG/AUD.
0101 **(15657)** Finkelstein, B.
W 4:15pm-7:00pm (EDU 3233)

EDPA671 Elementary and Secondary School Law; (3) REG/AUD.
0101 **(15667)** Clague, M.
W 4:15pm-7:00pm (EDU 4233)

EDPA679 Master's Seminar; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA700 Qualitative Research Methods in Education; (3) REG/AUD.
0101 **(15715)** Finkelstein, B.
Th 7:00pm-9:45pm (EDU 2101)

EDPA707 Education Planning in Developing Countries; (3) REG/AUD. *Recommended: EDPA 706.* Course team-taught by Hopkins, R. and Herschbach, D.
0101 **(15725)** Hopkins, R.
Tu 4:15pm-7:00pm (EDU 2102)

EDPA737 Phenomenological Inquiry; (3) REG.
0101 **(15735)** Hultgren, F.
Th 7:00pm-9:45pm (EDU 2102)

EDPA746 Restructuring Schools; (3) REG/AUD. *Prerequisites: EDPA 642; or permission of department.*
0101 **(15745)** Goldman, H.
M 7:00pm-9:45pm (EDU 2102)

EDPA751 Law and Equity in Education; (3) REG/AUD.
Prerequisite: EDPA 651 or permission of department.
0101 **(15755)** Clague, M.
Tu 4:15pm-7:00pm (ASY 3207)

EDPA754 Higher Education Finance; (3) REG/AUD.
0101 **(15765)** Schmidtlein, F.
M 4:15pm-7:00pm (EDU 0206)

EDPA756 Curriculum in Higher Education; (3) REG/AUD.
0101 **(15775)** Selden, S.
Th 4:15pm-7:00pm (EDU 3233)

EDPA788J Special Topics in Education Policy and Administration: Retention Theories and Policy Implications - Part II; (3) REG/AUD.
0101 **(15785)** Fries-Britt, S.
M 7:00pm-9:45pm (EDU 3233)

EDPA788W Special Topics in Education Policy and Administration: Research on Ethnic Minorities and Demographic Trends in Higher Education; (3) REG/AUD.
0101 **(15805)** Fries-Britt, S.
Th 4:15pm-7:00pm (EDU 4233)

EDPA798 *(PermReq)* **Special Problems in Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDPA853 Leadership in Higher Education; (3) REG/AUD.
Prerequisite: EDPA 653.
0101 **(15891)** Birnbaum, R.
Th 7:00pm-9:45pm (EDU 2119)

EDPA889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Permission of advisor; interns in administration register in section 1901, interns in higher education in section 0501; all others contact department or faculty member for individual faculty section number.
0501 **(15906)** Birnbaum, R.
Time and room to be arranged
1901 **(15920)** Andrews, J.
Time and room to be arranged

EDPA895 Research Critique Seminar; (3) REG/AUD.
0101 **(15940)** Schmidtlein, F.
Tu 7:00pm-9:45pm (EDU 2101)

EDPA899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; (3) REG/AUD.
0101 **(16029)** Speece, D.
MW 1:00pm-2:30pm (EDU 0212)

EDSP330 Families and the Education of Handicapped Children; (3) REG/P-F/AUD. *Prerequisite: EDSP 321 or permission of department. Corequisites: {EDSP 405, EDSP 424, EDSP 445 or EDSP 463} or permission of department. For EDSP majors only.* Intended special education, special education, and special education graduate students only.
0101 **(16039)** Moon, M.
TuTh 2:45pm-4:15pm (EDU 1107)

EDSP331 Introduction to Curriculum and Instructional Methods in Special Education; (3) REG/AUD. *Prerequisites: EDSP 320; and EDSP 321. Pre- or corequisites: EDSP 332; and EDSP 333; and EDSP 443. For EDSP majors only.*
0101 **(16049)** Leone, P.
MW 1:15pm-2:45pm (EDU 1121)
0201 **(16050)** Leone, P.
MW 1:15pm-2:45pm (EDU 1121)

EDSP333 Field Placement in Special Education II; (3) REG/AUD. *Prerequisite: EDSP 322. Pre- or corequisites: EDSP 331; and EDSP 332; and EDSP 443. For EDSP majors only.* Students must reserve two half days (8-1) for this experience.
0101 **(16060)** Strong, B.
F 10:00am-12:00pm (EDU 0212)
MW 8:00am-1:00pm (Arranged) Lab
0102 **(16061)** Strong, B.
F 10:00am-12:00pm (EDU 0212)
TuTh 8:00am-1:00pm (Arranged) Lab

EDSP376 Fundamentals of Sign Language; (3) REG/P-F/AUD.
0101 **(16071)** Aiello, E.
TuTh 4:15pm-5:30pm (EDU 1107)

EDSP403 Adaptations for Students with Physical Disabilities; (3) REG/AUD. *Prerequisite: EDSP 400 or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 405. Special education majors and special education graduate students only.
0101 **(16081)** Kohl, F.
W 1:15pm-4:15pm (EDU 0114)

EDSP405 Field Placement: Severe Disabilities II; (4) REG/AUD. *Prerequisite: EDSP 402 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 403; and EDSP 410 or permission of department.* Students must reserve three half-days (8-1) for this experience. Undergraduate students only.
0101 **(16091)** Egel, A.
W 4:30pm-6:00pm (ASY 3211)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP405A Field Placement: Severe Disabilities II; (2-5) REG/AUD. *Prerequisite: EDSP 402 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 403; and EDSP 410 or permission of department.* Special education graduate students only.
0101 **(16101)** Moon, M.
Time and room to be arranged
0201 **(16102)** Kohl, F.
Time and room to be arranged
0301 **(16103)** Egel, A.
Time and room to be arranged

EDSP410 Community Functioning Skills for Students with Severe Disabilities; (3) REG/AUD. *Prerequisites: {EDSP 400; and EDSP 404} or permission of department. Corequisites: EDSP 330; and EDSP 403; and EDSP 405.* Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405. Special education majors and special education graduate students only.
0101 **(16113)** Moon, M.
Th 4:15pm-7:00pm (TWS 0147)

EDSP417 Student Teaching: Severe Disabilities; (4-11) S-F. Limited to special education majors who have pre-registered with the EDSP department. There is a $170 lab fee assigned to this course.
0101 **(16123)** STAFF
Time and room to be arranged Lab

EDSP418 Seminar: Issues and Research Related to the Instruction of Students with Severe Disabilities; (3) REG/AUD. Limited to special education majors and special education graduate students.
0101 **(16133)** Kohl, F.
Time and room to be arranged

EDSP422 Curriculum and Instruction in Early Childhood Special Education (Moderate to Mild: 3-8 Years); (3) REG/AUD. *Prerequisites: {EDCI 410; and EDSP 420} or permission of department. Corequisites: EDSP 330; and EDSP 424.* Field placement required. Placement arranged for those students not concurrently enrolled in EDSP 424. Special education, and special education graduate students only.
0101 **(16143)** Lieber, J.
M 4:15pm-7:00pm (EDU 3315)

EDSP424 Field Placement: Early Childhood Special Education II (Moderate to Mild); (4) REG/AUD. *Prerequisite: EDSP 421 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 422.* Students must reserve three half days (8-1) for this experience. Special education majors only.
0101 **(16153)** Cooper, D.
F 10:30am-12:00pm (EDU 2102)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP424A Field Placement: Early Childhood Special Education II (Moderate to Mild); (2-4) REG/AUD. *Prerequisite: EDSP 421 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 422.* Special education graduate students only.
0101 **(16163)** Beckman, P.
Time and room to be arranged
0201 **(16164)** Kohl, F.
Time and room to be arranged
0301 **(16165)** Lieber, J.
Time and room to be arranged
0401 **(16166)** Cooper, D.
Time and room to be arranged

EDSP437 Student Teaching: Early Childhood Special Education; (4-11) S-F. Limited to special education majors who have pre-registered with the EDSP department. There is a $170 lab fee assigned to this course.
0101 **(16176)** STAFF
Time and room to be arranged Lab

EDSP438 *(PermReq)* **Seminar: Special Issues in Early Childhood Special Education; (3)** REG/AUD. Special education majors and special education graduate students only.
0101 **(16186)** Kohl, F.
Time and room to be arranged

EDSP440 Assessment and Instructional Design for the Educationally Handicapped: Cognitive and Psychosocial Development; (3) REG/AUD. *Prerequisites: {EDSP 441; and EDCI 456} or permission of department. Pre- or corequisites: EDSP 330; and EDSP 445.* Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 445. Special education and graduate students only.
0101 **(16196)** Harris, K.
TuTh 1:15pm-2:45pm (EDU 0114)

EDSP442A Field Placement: Educationally Handicapped I; (2-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Pre- or corequisite: {EDSP 441 and EDCI 456} or permission of department.* Graduate students only. Contact department to make arrangements.

EDSP443 Assessment and Instructional Design for the Handicapped: Reading and Written Communication Disorders; (3) REG/AUD. *Prerequisites: {EDSP 320; and EDSP 321} or permission of department. Pre- or corequisites: EDSP 331; and EDSP 332; and EDSP 333.* Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 333. Special education majors and special education graduate students only. Recommended that EH and CV students register for Section 1, EC and SH students, Section 2.
0101 **(16214)** Graham, S.
MW 2:45pm-4:15pm (EDU 3315)
0201 **(16215)** Lieber, J.
MW 2:45pm-4:15pm (EDU 4233)

EDSP445 Field Placement: Educationally Handicapped II; (4) REG/AUD. *Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: {EDSP 330; and EDSP 440; and EDSP 443}.* Students must reserve three half days (8-1) for this experience. Special education majors only.
0101 **(16225)** Malmgren, K.
F 10:30am-12:00pm (EDU 0206)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP445A Field Placement: Educationally Handicapped II; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: {EDSP 330; and EDSP 440; and EDSP 443}.* Special education graduate students only.

EDSP447A Field Placement: Educationally Handicapped III; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460.* Graduate students only. Contact department to make arrangements.

EDSP457 Student Teaching: Educationally Handicapped; (4-11) S-F. *For EDSP majors only.* Limited to special education majors who have pre-registered with the EDSP department. There is a $170 lab fee assigned to this course.
0101 **(16250)** STAFF
Time and room to be arranged Lab

EDSP458 Seminar: Special Issues and Research Related to the Educationally Handicapped; (3) REG/AUD. Special education majors and special education graduate students only.
0101 **(16260)** Kohl, F.
Time and room to be arranged

EDSP462 Vocational Assessment and Instruction in Special Education; (3) REG/AUD. *Prerequisite: EDSP 460 or permission of department.* Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 463. Special education graduate students and pre-special education and special education majors only.
0101 **(16270)** Neubert, D.
W 10:00am-1:00pm (EDU 2101)
0201 **(16271)** STAFF
W 5:00pm-8:00pm (Arranged)
Section 0201 is for graduate Baltimore City students only.

EDSP463 Field Placement: Secondary/Transition II; (4) REG/AUD. *Prerequisite: EDSP 461 or permission of department. Pre- or corequisite: EDSP 462. For EDSP majors only.* Students must reserve three half days (8-1) for this experience. Special education majors only.
0101 **(16281)** Strong, B.
F 10:30am-12:00pm (EDU 0202)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP463A Field Placement: Secondary/Transition II; (4) REG/AUD. *Prerequisite: EDSP 461 or permission of department. Pre- or corequisite: EDSP 462. For EDSP majors only.* Special education graduate students only.
0101 **(16291)** Neubert, D.
Time and room to be arranged

EDSP467 Student Teaching: Secondary/Transition; (4-11) S-F. *For EDSP majors only.* Limited to special education majors who have pre-registered with the EDSP department. There is a $170 lab fee assigned to this course.
0101 **(16301)** STAFF
Time and room to be arranged Lab

EDSP468 *(PermReq)* **Special Topics Seminar in Secondary/Transition Special Education; (3)** REG/AUD. Special education majors and special education graduate students only.
0101 **(16311)** Kohl, F.
Time and room to be arranged

EDSP470 Introduction to Special Education; (3) REG/P-F/AUD.
0101 **(16321)** Malmgren, K.
Tu 7:00pm-9:45pm (EDU 2119)
0201 **(16322)** Egel, A.
W 4:15pm-7:00pm (EDU 3315)

EDSP476 Communicating with Sign Language; (3) REG/P-F/AUD.
Prerequisite: EDSP 376 or permission of department.
0101 **(16332)** Aiello, E.
TuTh 5:45pm-7:00pm (EDU 1107)

EDSP480 Microcomputers in Special Education; (3) REG/P-F/AUD.
Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDCI 406, EDIT 477, or EDSP 480.
0101 **(16333)** STAFF
Th 4:15pm-7:00pm (COL 3112)

EDSP489 Field Experiences in Special Education; (1-4) REG/P-F/AUD.
0101 **(16342)** Strong, B.
Time and room to be arranged
0901 **(16343)** Leone, P.
Time and room to be arranged

EDSP492 Education of Learning Disabled Students; (3) REG/P-F/AUD. *Prerequisite: EDSP 491 or permission of department.*
0101 **(16353)** Graham, S.
M 4:15pm-7:00pm (EDU 0211)

EDSP498 *(PermReq)* **Special Problems in Special Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP498B *(PermReq)* **Special Problems in Special Education: Career Development and Advisement; (1-6)** REG/P-F/AUD. Special education and intended special education majors only.
0101 **(16385)** Molloy, M.
F 12:00pm-2:00pm (EDU 2102)

EDSP600 *(PermReq)* **Exceptional Children and Youth; (3)** REG/AUD. *Prerequisite: 9 hours in special education and permission of department.*
0101 **(16395)** Cooper, D.
Th 7:00pm-9:45pm (EDU 1315)

EDSP620 Educational Diagnosis and Planning For Learning Disabled Students; (3) REG/AUD. *Prerequisites: {EDSP 491; and EDSP 615} or permission of department.*
0101 **(16405)** Speece, D.
W 4:15pm-7:00pm (EDU 2119)

EDSP621 Social and Academic Skill Development for Behaviorally Disordered Students; (3) REG/AUD. *Prerequisites: {EDSP 600; and EDSP 601} or permission of department.*
0101 **(16415)** Malmgren, K.
M 4:15pm-7:00pm (ASY 3207)

EDSP635 Seminar: Behavioral Disorders; (3) REG/AUD.
Prerequisites: {EDSP 601; and EDSP 621} or permission of department.
0101 **(16425)** Leone, P.
W 7:00pm-9:45pm (EDU 1121)

EDSP640 Seminar: Learning Disabilities; (3) REG/AUD.
Prerequisites: {EDSP 492; and EDSP 600; and EDSP 615} or permission of department.
0101 **(16435)** Harris, K.
Th 4:15pm-7:00pm (EDU 3236)

EDSP650 Seminar in Early Childhood Special Education; (3) REG/AUD. *Prerequisite: 9 hours in special education including EDSP 600 and EDSP 420, or permission of department.*
0101 **(16445)** Cooper, D.
Tu 4:15pm-7:00pm (ASY 3211)

EDSP651 Program Planning and Instruction for Handicapped Infants and Children; (3) REG/AUD. *Pre- or corequisite: EDSP 430 or equivalent.*
0101 **(16455)** Beckman, P.
M 7:00pm-9:45pm (EDU 1315)

EDSP655 Seminar in Secondary and Transition Special Education; (3) REG/AUD. *Prerequisites: EDSP 600, EDSP 412 or EDSP 464, or permission of department.*
0101 **(16465)** Neubert, D.
Tu 4:15pm-7:00pm (EDU 0210)

EDSP665 Working with Families of Handicapped Children and Youth; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(16475)** Beckman, P.
W 4:15pm-7:00pm (ASY 3207)

EDSP670 Single Subject Research in Special Education; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(16485)** Egel, A.
Tu 7:00pm-9:45pm (EDU 1121)

EDSP798 *(PermReq)* **Special Problems in Special Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP888 *(PermReq)* **Apprenticeship in Special Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. There is a $170 lab fee assigned to this course.

EDSP889 *(PermReq)* **Internship in Special Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDUC Education (Education)

EDUC388 *(PermReq)* **Special Topics in Education: Guided Experiences in College Teaching; (3)** REG. Course restricted to students approved as Undergraduate Teaching Assistants.
0101 **(16643)** Ryan, L.
M 4:00pm-6:00pm (EDU 0212)
Time and room to be arranged Dis

EDUC388H *(PermReq)* **Special Topics in Education: Honors Synthesis Seminar II; (2)** REG. Seminar restricted to students admitted to the College of Education Honors Program.
0101 **(16653)** Fassinger, R.
Tu 4:00pm-6:00pm (EDU 3233)

EDUC499H *(PermReq)* **Honors Thesis; (1-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Course restricted to students admitted to College of Education honors program.

ENAE Engineering, Aerospace (Engineering)

ENAE282 Fundamentals of Astronautical Systems; (3) REG. *Prerequisites: ENES 100; and ENES 102; and ENES 103. Corequisites: ENAE 261 and PHYS 262. ENAE majors only or permission of department.*
0101 **(16761)** Anderson, J.
TuTh 4:00pm-5:15pm (MTH 0101)

ENAE322 Aerospace Structures II; (3) REG. *Prerequisite: ENAE 321. ENAE majors only or permission of department.*
0101 **(16771)** Lee, S.
MWF 11:00am-11:50am (JMP 3104)

ENAE404 Space Flight Dynamics; (3) REG. *Prerequisite: ENAE 301. ENAE majors only or permission of department.*
0101 **(16781)** Pines, D.
MW 12:30pm-1:45pm (EGR 2154)

ENAE414 Aerodynamics II; (3) REG/P-F/AUD. *Prerequisite: ENAE 311. ENAE majors only or permission of department. Junior standing.*
0101 **(16791)** Korkegi, R.
TuTh 9:30am-10:45am (EGR 2154)

ENAE424 Design and Manufacture of Composite Prototypes; (3) REG. *Corequisite: ENAE 322 or equivalent.*
0101 **(16792)** Vizzini, A.
MWF 9:00am-9:50am (EGR 1104)
Tu 2:00pm-5:00pm (JMP 2202) Lab
0102 **(16793)** Vizzini, A.
MWF 9:00am-9:50am (EGR 1104)
Th 2:00pm-5:00pm (JMP 2202) Lab

ENAE432 Control of Aerospace Systems; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in ENAE 281 and ENAE 282 and ENES 221 and MATH 246 and ENAE 301. Junior standing. Formerly ENAE 332.*
0101 **(16801)** Sanner, R.
MWF 9:00am-9:50am (EGR 3106)

ENAE464 Aerospace Engineering Laboratory; (3) REG. *Prerequisites: ENAE 311; and ENAE 322; and ENAE 432; and ENAE 362. ENAE majors only or permission of department.*
0101 **(16821)** Winkelmann, A.
MW 8:00am-8:50am (JMP 3201)
M 2:00pm-5:00pm (EGL 0121) Lab
0102 **(16822)** Winkelmann, A.
MW 8:00am-8:50am (JMP 3201)
Tu 2:00pm-5:00pm (EGL 0121) Lab
0103 **(16823)** Winkelmann, A.
MW 8:00am-8:50am (JMP 3201)
W 2:00pm-5:00pm (EGL 0121) Lab
0104 **(16824)** Winkelmann, A.
MW 8:00am-8:50am (JMP 3201)
Th 2:00pm-5:00pm (EGL 0121) Lab

ENAE482 Aeronautical Systems Design; (3) REG. CORE: CS *Prerequisites: ENAE 403; and ENAE 423; and ENAE 455; and ENAE 481. Senior standing. For ENAE majors only.*
0101 **(16834)** Winkelmann, A.
MWF 10:00am-10:50am (EGR 1110)

ENAE484 Space Systems Design; (3) REG. CORE: CS *Prerequisites: ENAE 423; and ENAE 441; and ENAE 455; and ENAE 483. For ENAE majors only.*
0101 **(16844)** Akin, D.
TuTh 11:00am-12:15pm (CHM 0127)

ENAE488C Topics in Aerospace Engineering: Aerospace Computer Aided Design; (3) REG/P-F/AUD.
0101 **(16845)** STAFF
MW 5:00pm-6:15pm (EGR 3108)

ENAE488G Topics in Aerospace Engineering: Manufacture and Application of Smart Material and Structures; (3) REG/P-F/AUD.
0101 **(16854)** Wereley, N.
TuTh 12:30pm-1:45pm (JMP 2202)

ENAE488S Topics in Aerospace Engineering: Aerodynamics of High Speed Flight; (3) REG/AUD.
0101 **(16864)** Lewis, M.
TuTh 1:00pm-2:15pm (JMP 1109)

ENAE499 *(PermReq)* **Elective Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENAE602 Spacecraft Attitude Dynamics and Control; (3) REG/AUD. *Prerequisites: ENAE 404 and ENAE 432.*
0101 **(17083)** STAFF
Time and room to be arranged

ENAE632 Helicopter Aerodynamics II; (3) REG/AUD. *Prerequisites: {ENAE 631; and ENAE 371 or equivalent} or permission of both department and instructor.*
0101 **(16904)** Leishman, J.
TuTh 2:00pm-3:15pm (EGR 1106)

ENAE633 Helicopter Dynamics; (3) REG/AUD. *Prerequisite: ENAE 631 or permission of both department and instructor.*
0101 **(16914)** Chopra, I.
TuTh 9:30am-10:45am (CHM 0127)

ENAE634 Helicopter Design; (3) REG/AUD. *Prerequisite: ENAE 631 or permission of both department and instructor.*
0101 **(16915)** STAFF
MW 2:00pm-3:15pm (Arranged)

ENAE635 Helicopter Stability and Control; (3) REG/AUD. *Prerequisite: {ENAE 631 and ENAE 642,} or permission of department.*
0101 **(16927)** Celi, R.
MW 12:30pm-1:45pm (EGR 2107)

ENAE643 Digital Control; (3) REG/AUD. *Prerequisite: ENAE 432 or equivalent.*
0101 **(16928)** STAFF
Time and room to be arranged

ENAE652 Finite Element Method in Engineering; (3) REG/AUD. *Prerequisite: ENAE 650 or permission of both department and instructor.*
0101 **(16937)** Lee, S.
MW 3:30pm-4:45pm (EGR 3114)

ENAE674 Aerodynamics of Compressible Fluids II; (3) REG/AUD. *Prerequisite: ENAE 673.*
0101 **(16961)** Waltrup, P.
MW 5:00pm-6:15pm (Arranged)

ENAE682 *(PermReq)* **Hypersonic Aerodynamics; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(16970)** Lewis, M.
TuTh 1:00pm-2:15pm (JMP 1109)

ENAE685 Computational Fluid Dynamics II; (3) REG/AUD. *Prerequisite: ENAE 684 or permission of department.*
0101 **(16981)** Baeder, J.
MW 11:00am-12:15pm (Arranged)

ENAE788Y Selected Topics in Aerospace Engineering: Advanced Control for Robotics; (3) REG/AUD.
0101 **(17041)** Carrigan, C.
Time and room to be arranged

ENAE791 Launch and Entry Vehicle Design; (3) REG/AUD. *Prerequisite: ENAE 601.*
0101 **(17042)** Akin, D.
TuTh 3:30pm-4:45pm (Arranged)

ENAE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENAE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENBE Biological Resources Engineering (Agriculture and Natural Resources)

ENBE200 Fundamentals of Agricultural Mechanics; (3) REG/P-F. *Formerly ENAG 200.*
0101 **(17132)** Walls, R.
TuTh 8:00am-9:15am (ANS 0422)
TuTh 9:30am-10:45am (ANS 0504) Lab
0201 **(17133)** Walls, R.
TuTh 1:00pm-1:50pm (ANS 0504)
TuTh 2:00pm-3:50pm (ANS 0504) Lab

ENBE241 *(PermReq)* **Computer Use in Bioresource Engineering; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(17143)** Grant, L.
TuTh 9:30am-10:45am (ANS 0509)
0201 **(17144)** Grant, L.
TuTh 3:30pm-4:45pm (ANS 0509)

ENBE386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. Formerly ENAG 386.*

ENBE388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(17393)** STAFF
Time and room to be arranged

ENBE414 Mechanics of Food Processing; (4) REG/P-F/AUD. *Prerequisite: PHYS 121. Formerly ENAG 414.*
0101 **(17154)** Brown, K.
TuTh 11:00am-12:30pm (ANS 0422)

ENBE451 Water Quality: Field and Lab Analysis Methods; (3) REG. *Prerequisites: CHEM 103 and (CHEM 104 or CHEM 113). Also offered as NRMT 451. Credit will be granted for only one of the following: ENBE 451 or NRMT 451.*
0101 **(17164)** Baldwin, A.
M 1:00pm-1:50pm (ANS 0422)
W 1:00pm-4:50pm (ANS 0422) Lab

ENBE454 Biological Process Engineering; (4) REG/P-F/AUD. *Prerequisites: MATH 246 and ENME 342 or equivalent, and one semester of life sciences, or permission of department. Formerly ENAG 454.* This course is taught in the spring semester only.
0101 **(17174)** Johnson, A.
TuTh 2:00pm-3:15pm (ANS 0422)
Th 3:30pm-4:20pm (ANS 0422) Lab

ENBE462 Nonpoint Source Pollution Assessment Techniques; (3) REG/AUD. *Prerequisite: one course in hydrology or permission of department. This course is taught in the spring semester only.*
0101 **(17184)** STAFF
MW 5:00pm-7:15pm (ANS 0422)

ENBE481 Creative Design with CAD/CAM; (3) REG/P-F. *Formerly ENAG 481.* This course is taught in the spring semester only.
0101 **(17194)** Grant, L.
WF 9:00am-9:50am (ANS 0509)
F 2:00pm-4:00pm (ANS 0509) Lab

ENBE484 Biosystems Responses to Environmental Stimuli; (3) REG/P-F/AUD. *Prerequisite: ENBE 454 or permission of department.*
0110 **(17204)** Schreuders, P.
TuTh 9:30am-11:00am (ANS 0422)

Please note that both ENBE485 (1 credit) and ENBE486 (2 credits) must be completed in order to satisfy CORE Capstone requirements.

ENBE485 *(PermReq)* **Capstone Design I; (1)** REG. *Prerequisite: permission of department. Senior standing. For ENBE majors only.*
0101 **(17214)** Wheaton, F.
M 11:00am-11:50am (ANS 0422)

Please note that both ENBE485 (1 credit) and ENBE486 (2 credits) must be completed in order to satisfy CORE Capstone requirements.

ENBE486 *(PermReq)* **Capstone Design II; (2)** REG. CORE: CS Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ENBE 485 taken in the immediately preceding semester. Senior standing. For ENBE majors only.* See course advisor for meeting time.

ENBE489 *(PermReq)* **Special Problems in Biological Resources Engineering; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE489A *(PermReq)* **Special Problems in Biological Resources Engineering: Shop Laboratory Safety; (1)** REG/P-F/AUD.
0101 **(17240)** Grant, L.
Time and room to be arranged

ENBE499 *(PermReq)* **Special Problems in Agricultural Engineering Technology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE603 Transport Processes in Biological Systems; (3) REG/AUD. *Prerequisites: differential equations and one semester of life sciences, or permission of department. Not open to students who have completed ENBE 454. Credit will be granted for only one of the following: ENBE 454 or ENBE 603.* Course is taught in the spring semester only.
0101 **(17262)** Johnson, A.
TuTh 2:00pm-3:15pm (ANS 1420)
Th 3:30pm-4:20pm (ANS 1420) Lab

ENBE688 *(PermReq)* **Advanced Topics in Biological Resources Engineering; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE688C *(PermReq)* **Advanced Topics in Biological Resources Engineering: Aquatic Systems Design: Environmental Effects; (1)** REG/AUD.
0101 **(17283)** Wheaton, F.
TuTh 9:30am-11:00am (ANS 1420)

ENBE688F *(PermReq)* **Advanced Topics in Biological Resources Engineering: Numeric Modeling; (1)** REG/AUD.
0101 **(17293)** Shirmohammadi, A.
M 3:00pm-3:50pm (ANS 0422)

ENBE688Q Advanced Topics in Biological Resources Engineering; (1-4) REG/AUD.
0101 **(17303)** STAFF
MW 4:00pm-5:15pm (Arranged)

ENBE688T *(PermReq)* **Advanced Topics in Biological Resources Engineering: Technique for Teaching Biological Resources Engineering; (1)** REG/AUD. Approval of instructor prior to enrollment required.
0101 **(17313)** Johnson, A.
Time and room to be arranged
0501 **(17314)** Grant, L.
Time and room to be arranged

ENBE698 Seminar; (1) REG/AUD.
0101 **(17334)** Wheaton, F.
M 4:00pm-4:50pm (ANS 0422)

ENBE699 *(PermReq)* **Special Problems in Biological Resources Engineering; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE701 Bioengineering Analysis of Human Physiological Response; (3) REG/AUD. *Formerly ENAG 701.* This course is taught in the spring semester only.
0101 **(17355)** Johnson, A.
TuTh 5:00pm-6:30pm (ANS 0422)

ENBE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENBE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCE Engineering, Civil (Engineering)

ENCE202 Computation Methods in Civil Engineering I; (3) REG. *Prerequisites: MATH 141 and ENES 102 and ENES 100. For ENCE majors only. Formerly ENCE 201.*
0101 **(17436)** Austin, M.
MWF 1:00pm-1:50pm (EGR 1202)

ENCE203 Computation Methods in Civil Engineering II; (3) REG. *Prerequisites: MATH 241 and ENES 220. Corequisite: MATH 246. For ENCE majors only. Formerly ENCE 301.*
0101 **(17446)** Ayyub, B.
MWF 10:00am-10:50am (EGR 3106)

ENCE300 Fundamentals of Engineering Materials; (3) REG/P-F/AUD. *Pre- or corequisite: ENES 220.* ENCE majors (09080) only.
0101 **(17456)** STAFF
MW 9:00am-9:50am (CHM 0127)
Th 2:00pm-5:00pm (EGL 0106A) Lab
0103 **(17458)** STAFF
MW 9:00am-9:50am (CHM 0127)
Tu 2:00pm-5:00pm (EGL 0106A) Lab

ENCE302 Probability and Statistics for Civil Engineers; (3) REG. *Prerequisites: ENCE 203 and MATH 246. For ENCE majors only.*
0101 **(17468)** Brubaker, K.
MWF 11:00am-11:50am (EGR 0108)

ENCE315 Introduction to Environmental Engineering; (3) REG. *Prerequisites: CHEM 103 or CHEM 133; and PHYS 161. Not open to ENGR students who have completed ENCE 221. Formerly ENCE 221.* ENCE majors (09080) only.
0101 **(17478)** Birkner, F.
TuTh 9:30am-10:45am (JMP 2229)
0201 **(17479)** Seagren, E.
TuTh 9:30am-10:45am (EGR 3106)

ENCE320 Construction Engineering and Management; (3) REG/AUD. *Prerequisite: permission of department.* ENCE majors (09080) only.
0101 **(17489)** STAFF
TuTh 2:00pm-3:15pm (EGR 1108)

ENCE330 Basic Fluid Mechanics; (3) REG/P-F/AUD. *Prerequisites: ENES 220; and ENES 221; and PHYS 262.* ENCE majors (09080) only.
0101 **(17499)** STAFF
MWF 10:00am-10:50am (EGR 1108)
0201 **(17500)** STAFF
MWF 10:00am-10:50am (EGR 1102)

ENCE340 Fundamentals of Soil Mechanics; (3) REG/P-F/AUD. *Prerequisite: ENES 220. For ENCE majors only.* ENCE majors (09080) only.
0101 **(17510)** STAFF
TuTh 12:30pm-1:45pm (EGR 3106)

ENCE353 Introduction to Structural Analysis; (3) REG. *Prerequisite: ENES 220. Corequisite: ENCE 203. For ENCE majors (09080) only. Credit will be granted for only one of the following: ENCE 255 or ENCE 353. Formerly ENCE 255.*
0101 **(17520)** Schelling, D.
TuTh 3:30pm-4:45pm (EGR 1104)

ENCE355 Introduction to Structural Design; (3) REG/AUD. *Prerequisite: ENCE 300. For ENCE majors only.*
0101 **(17531)** Albrecht, P.
TuTh 11:00am-12:15pm (CHM 0122)

ENCE370 Fundamentals of Transportation Engineering; (3) REG/P-F/AUD. *Prerequisites: MATH 141 and PHYS 262.* ENCE majors (09080) only.
0101 **(17541)** Lovell, D.
MWF 11:00am-11:50am (EGR 1108)

ENCE410 Advanced Strength of Materials; (3) REG/AUD. *Prerequisites: ENCE 353; and MATH 246. For ENCE majors only.*
0101 **(17551)** Donaldson, B.
MW 2:00pm-3:15pm (EGR 1104)

ENCE420 Construction Equipment and Methods; (3) REG/P-F/AUD. *Prerequisite: ENCE 320. Senior standing. For ENCE majors only.*
0101 **(17552)** Karaszewski, Z.
MW 3:30pm-4:45pm (EGR 1108)

ENCE430 Flow in Open Channels and Conveyance Structures; (3) REG/AUD. *Prerequisite: ENCE 330. For ENCE majors only.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17571)** Moglen, G.
MF 1:00pm-1:50pm (EGR 0108)
W 1:00pm-4:00pm (EGR 0110) Lab

ENCE431 Surface Water Hydrology; (3) REG/P-F/AUD. *Prerequisite: ENCE 330.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17581)** McCuen, R.
MWF 9:00am-9:50am (EGR 1108)

ENCE433 Environmental Engineering Analysis; (3) REG/P-F/AUD. *Prerequisites: CHEM 133 and ENES 221 and CHEM 233.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17591)** Torrents, A.
TuTh 8:00am-8:50am (EGR 1108)
F 9:00am-12:00pm (EGR 0110) Lab
0102 **(17592)** Torrents, A.
TuTh 8:00am-8:50am (EGR 1108)
F 12:00pm-3:00pm (EGR 3102) Lab

ENCE436 Drinking Water Treatment; (3) REG. *Prerequisites: ENCE 315 and CHEM 233.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17602)** Davis, A.
TuTh 9:30am-10:45am (EGR 1108)

ENCE440 Engineering Soil Tests; (3) REG. *Prerequisite: ENCE 340. For ENCE majors only.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17612)** Aggour, M.
M 1:00pm-1:50pm (EGR 1104)
W 1:00pm-5:00pm (JMP 2229) Lab

ENCE442 Highway and Airfield Pavement Design; (3) REG/P-F/AUD. *Prerequisite: ENCE 340.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17622)** Witczak, M.
TuTh 11:00am-12:15pm (EGR 1104)

ENCE454 Design of Concrete Structures; (3) REG/AUD. *Prerequisites: ENCE 353; and ENCE 355. For ENCE majors only. Formerly ENCE 451.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17632)** Amde, A.
TuTh 11:00am-12:15pm (EGR 0108)

ENCE463 Engineering Economics and Systems Analysis; (3) REG/AUD. *Prerequisites: ENCE 202 and ENCE 203. For ENCE majors only.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17642)** Schonfeld, P.
TuTh 9:30am-10:45am (EGR 1106)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

ENCE466 Design of Civil Engineering Systems; (3) REG. CORE: CS *Prerequisites: ENCE 353 or ENCE 355, ENCE 315, ENCE 320, ENCE 330, ENCE 340, ENCE 3~0 or permission of department. Senior standing. For ENCE majors only.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17652)** STAFF
Tu 2:00pm-2:50pm (EGR 0108)
TuTh 3:00pm-4:50pm (EGR 0110) Lab

ENCE472 Transportation Engineering; (3) REG/P-F/AUD. *Prerequisite: ENCE 3~0. For ENCE majors only.* ENCE majors (09080) or ENCE graduate students only.
0101 **(17672)** Carter, E.
TuTh 9:30am-10:45am (EGR 1104)

ENCE489 *(PermReq)* **Special Problems in Civil Engineering; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCE611 *(PermReq)* **Finite Element Methods; (3)** REG/AUD. *Formerly ENCE 661.*
0101 **(17711)** Amde, A.
TuTh 2:00pm-3:15pm (EGR 2154)

ENCE613 Structural Dynamics; (3) REG/AUD. *Formerly ENCE 653.*
0101 **(17721)** Donaldson, B.
MW 5:00pm-6:15pm (EGR 1106)

ENCE631 *(PermReq)* **Hydrologic and Nonpoint Pollution Models; (3)** REG/AUD. *Prerequisite: graduate admission to College of Engineering or permission of instructor.*
0101 **(17731)** Ragan, R.
MW 5:00pm-6:15pm (EGR 0108)

ENCE641 Advanced Foundations; (3) REG/AUD. *Prerequisite: ENCE 340 or equivalent.*
0101 **(17761)** Aggour, M.
MW 3:30pm-4:45pm (EGR 1106)

ENCE660 Mathematical Methods in Engineering; (3) REG/AUD.
0101 **(17771)** Ayyub, B.
MW 3:30pm-4:45pm (EGR 1104)

ENCE662 *(PermReq)* **Construction Project Management; (3)** REG/AUD. *Prerequisite: permission of instructor. For ENCE majors only.*
0101 **(17781)** STAFF
M 7:00pm-9:45pm (EGR 1110)

ENCE671 Highway Traffic Operations; (3) REG/AUD. *Prerequisites: {ENCE 4~0; and ENCE 6~0} or permission of both department and instructor.*
0101 **(17801)** Carter, E.
MW 5:00pm-6:15pm (EGR 0104)

ENCE673 Urban Transportation; (3) REG/AUD.
0101 **(17811)** Chang, G.
Th 5:00pm-7:30pm (EGR 0135)

ENCE675 *(PermReq)* **Airport Planning and Design; (3)** REG/AUD. *Prerequisite: ENCE 4~1 or permission of both department and instructor.*
0101 **(17821)** Schonfeld, P.
Tu 5:00pm-7:30pm (EGR 3102)

ENCE681 Freight Transportation Analysis; (3) REG/AUD.
0101 **(17831)** Haghani, A.
TuTh 2:00pm-3:30pm (EGR 0104)

ENCE688 Advanced Topics in Civil Engineering; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE688A *(PermReq)* **Advanced Topics in Civil Engineering: Risk Analysis of Constructed Systems; (3)** REG/AUD. Permission of both department and instructor.
0101 **(17866)** Karaszewski, Z.
MW 5:00pm-6:30pm (EGR 1110)

ENCE688B *(PermReq)* **Advanced Topics in Civil Engineering: Hydrology, Climate, and Water Resources; (3)** REG/AUD. Prerequisite: permission of both department and instructor.
0101 **(17876)** Brubaker, K.
MW 2:00pm-3:15pm (EGR 2154)

ENCE688C *(PermReq)* **Advanced Topics in Civil Engineering: Behavior of Suspended Particles in Water; (3)** REG/AUD. Prerequisite: permission of instructor.
0101 **(17886)** Birkner, F.
TuTh 2:00pm-3:15pm (EGR 3102)

ENCE688D *(PermReq)* **Advanced Topics in Civil Engineering: Advanced Traffic Control; (3)** REG/AUD. Permission of instructor required.
0101 **(17887)** Lovell, D.
Th 5:00pm-7:30pm (EGR 2112)

ENCE688E *(PermReq)* **Advanced Topics in Civil Engineering: Concrete Construction Engineering; (3)** REG/AUD. Permission of instructor required.
0101 **(18070)** Tobin, J.
Th 7:00pm-9:45pm (EGR 1102)

ENCE688F *(PermReq)* **Advanced Topics in Civil Engineering: Project Management in a Dynamic Environment; (3)** REG/AUD. Permission of instructor.
0101 **(17888)** Laufer, A.
M 3:30pm-6:00pm (EGR 0102)

ENCE688I *(PermReq)* **Advanced Topics in Civil Engineering: Soil Improvement; (3)** REG/AUD.
0101 **(17896)** Collin, J.
W 5:00pm-7:30pm (EGR 1108)

ENCE688J *(PermReq)* **Advanced Topics in Civil Engineering: Advanced Soil Mechanics II; (3)** REG/AUD. Permission of instructor required.
0101 **(17897)** Schwartz, C.
TuTh 3:30pm-4:45pm (EGR 3102)

ENCE688O *(PermReq)* **Advanced Topics in Civil Engineering: Environmental Behavior of Organic Pollutants; (3)** REG/AUD. Prerequisite: permission of both department and instructor.
0101 **(17906)** Torrents, A.
TuTh 9:30am-10:45am (EGR 0108)

ENCE688S *(PermReq)* **Advanced Topics in Civil Engineering: Bioremediation; (3)** REG/AUD. Prerequisite: permission of instructor.
0101 **(17916)** Seagren, E.
TuTh 3:30pm-4:45pm (EGR 3106)

ENCE688U *(PermReq)* **Advanced Topics in Civil Engineering: Hazardous Waste Management; (3)** REG/AUD. Prerequisite: permission of instructor.
0101 **(17926)** Sternberg, Y.
MW 8:30am-9:45am (EGR 1102)

ENCE688Y *(PermReq)* **Advanced Topics in Civil Engineering: Unit Operations Laboratory; (3)** REG. Prerequisites: ENCE 736 and ENCE 737 or equivalent.
0101 **(17936)** Hao, O.
F 1:00pm-6:00pm (EGR 1138)

ENCE689 Seminar; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE712 Masonry Structures; (3) REG/AUD.
0101 **(17971)** Colville, J.
TuTh 3:30pm-4:45pm (EGR 0108)

ENCE713 Concrete Structures I; (3) REG/AUD. *Formerly ENCE ~53.*
0101 **(17981)** Fu, C.
TuTh 5:00pm-6:15pm (EGR 1102)

ENCE730 Environmental and Water Resource Systems II; (3) REG/AUD. *Prerequisite: ENCE 630 or permission of both department and instructor.*
0101 **(17991)** McCuen, R.
MWF 10:00am-10:50am (EGR 1106)

ENCE736 Theory of Aqueous and Solid Waste Treatment and Disposal; (3) REG/AUD. *Prerequisites: ENCE 221 and fundamentals of microbiology; or permission of both department and instructor.*
0101 **(18001)** Hao, O.
TuTh 11:00am-12:15pm (EGR 2112)

ENCE737 Industrial Wastes; (3) REG. *Corequisite: ENCE ~36 or equivalent.*
0101 **(18011)** Davis, A.
TuTh 12:30pm-1:45pm (EGR 1108)

ENCE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCH Engineering, Chemical (Engineering)

ENCH215 Chemical Engineering Analysis; (3) REG/P-F/AUD. *Prerequisite: CHEM 133 or CHEM 113. Pre- or corequisite: MATH 141.*
0101 **(18119)** Smith, T.
TuTh 2:00pm-3:15pm (CHE 2145)
M 3:00pm-3:50pm (CHE 2136) Dis

ENCH250 *(PermReq)* **Computer Methods in Chemical Engineering; (3)** REG/P-F/AUD. *Prerequisites: ENES 100; and ENCH 215. Corequisite: MATH 246.*
0101 **(18129)** Wang, N.
MWF 9:00am-9:50am (CHE 2110)
F 1:00pm-1:50pm (CHM 0119) Dis

ENCH333 *(PermReq)* **Chemical Engineering Seminar; (1)** REG/P-F/AUD. *Senior standing.*
0101 **(18139)** Choi, K.
W 12:00pm-12:50pm (CHE 2136)
0102 **(18140)** Adomaitis, R.
W 12:00pm-12:50pm (CHE 2145)
0103 **(18141)** Sengers, J.
W 12:00pm-12:50pm (CHE 2116)

ENCH424 *(PermReq)* **Transport Processes II; (3)** REG/P-F/AUD. *Prerequisites: ENCH 300 and ENCH 422.*
0101 **(18151)** Calabrese, R.
MF 2:00pm-2:50pm (CHE 2108)
F 3:00pm-3:50pm (CHE 2108)
W 2:00pm-2:50pm (CHE 2108) Dis

ENCH440 *(PermReq)* **Chemical Engineering Kinetics; (3)** REG/P-F/AUD. *Prerequisites: ENCH 300; and ENCH 422; and CHEM 481.*
0101 **(18161)** Choi, K.
MWF 11:00am-11:50am (CHE 2108)
M 3:00pm-3:50pm (CHE 2108) Dis

ENCH442 *(PermReq)* **Chemical Engineering Systems Analysis; (3)** REG/P-F/AUD. *Prerequisites: ENCH 300; and ENCH 422. Corequisite: ENCH 440.*
0101 **(18171)** Weigand, W.
TuTh 11:00am-12:15pm (CHE 2110)
W 3:00pm-3:50pm (CHE 2110) Dis

ENCH446 *(PermReq)* **Process Engineering Economics and Design II; (3)** REG/P-F/AUD. CORE: CS *Prerequisite: ENCH 444.*
0101 **(18181)** Harris, M.
MWF 1:00pm-1:50pm (CHE 2108)

ENCH453 Applied Mathematics in Chemical Engineering; (3) REG/P-F/AUD. *Prerequisite: MATH 246. Corequisite: ENCH 426.*
0101 **(18191)** Adomaitis, R.
MWF 2:00pm-2:50pm (CHE 2136)

ENCH468 *(PermReq)* **Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCH468E Research: Ethics in Science and Engineering; (3) REG.
0101 **(18227)** Greer, S.
Th 1:30pm-4:00pm (CHE 2118)

ENCH468L *(PermReq)* **Research: Plant Wide Process Control; (3)** REG/P-F/AUD.
0101 **(18237)** McAvoy, T.
TuTh 5:00pm-6:15pm (CHM 0115)

ENCH468T Research: Industrial Partical Technology; (1-3) REG/P-F/AUD.
0101 **(18238)** Ranade, M.
TuTh 4:00pm-5:20pm (CHE 2118)

ENCH485 *(PermReq)* **Biochemical Engineering Laboratory; (3)** REG/P-F/AUD. *Prerequisite: ENCH 482.*
0101 **(18247)** Wang, N.
TuTh 1:00pm-5:00pm (CHE 2211) Lab

ENCH496 *(PermReq)* **Processing of Polymer Materials; (3)** REG/P-F/AUD. *Prerequisite: ENCH 424. Credit will be granted for only one of the following: ENCH 496 or ENMA 496.*
0101 **(18257)** Kofinas, P.
TuTh 2:00pm-3:15pm (CHE 2140)

ENCH609 *(PermReq)* **Graduate Seminar; (1)** REG/AUD. Advanced special students require department permission.
0101 **(18267)** Sengers, J.
Tu 4:00pm-5:30pm (CHE 2108)

ENCH630 Transport Phenomena; (3) REG/AUD.
0101 **(18277)** Gentry, J.
MW 4:00pm-5:15pm (CHE 2136)

ENCH640 Advanced Chemical Reaction Kinetics; (3) REG/AUD.
0101 **(18287)** Bentley, W.
MW 5:30pm-6:45pm (CHE 2136)

ENCH648 *(PermReq)* **Special Problems in Chemical Engineering; (1-16)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCH648P Special Problems in Chemical Engineering: Molecular Simulation Methods; (3) REG/AUD.
0101 **(18312)** Panagiotopoulos, A.
MW 2:00pm-3:15pm (PHY 1219)

ENCH648T Special Problems in Chemical Engineering: Industrial Partical Technology; (1-16) REG/AUD.
0101 **(18366)** STAFF
Time and room to be arranged

ENCH736 Model Based Process Control; (3) REG/AUD. *Prerequisite: permission of instructor.*
0101 **(18313)** Zafiriou, E.
Time and room to be arranged

ENCH799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCH858 Advanced Topics in Process Control; (3) REG/AUD.
0101 **(18339)** McAvoy, T.
TuTh 5:00pm-6:15pm (CHM 0115)

ENCH899 Doctoral Dissertation Research: Chemical Engineering; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCO Engineering, Cooperative Education (Engineering)

ENCO099 *(PermReq)* **Co-Op Work Experience; (No credit)** S-F. Permission of Co-op Director required. Obtain permission and more information in 1137 College of Engineering. For special fees, see the Financial Information section of the Schedule of Classes.
0101 **(18414)** Sauber, H.
Time and room to be arranged

ENEE Engineering, Electrical (Engineering)

ENEE114 Programming Concepts for Engineering; (4) REG/P-F/AUD. *For ENEE majors (09090) only. Restricted to students with 60 or less cumulative semester hours.*
0101 **(18464)** Bhattacharyya, S.
TuTh 11:00am-12:15pm (EGR 1202)
MW 9:00am-9:50am (EGR 2112) Dis
0102 **(18465)** Bhattacharyya, S.
TuTh 11:00am-12:15pm (EGR 1202)
MW 10:00am-10:50am (HBK 1116) Dis
0103 **(18466)** Bhattacharyya, S.
TuTh 11:00am-12:15pm (EGR 1202)
MW 11:00am-11:50am (CHM 0128) Dis
0104 **(18467)** Bhattacharyya, S.
TuTh 11:00am-12:15pm (EGR 1202)
MW 12:00pm-12:50pm (EGR 1104) Dis
0105 **(18468)** Bhattacharyya, S.
TuTh 11:00am-12:15pm (EGR 1202)
MW 3:00pm-3:50pm (EGR 2112) Dis
0106 **(18469)** Bhattacharyya, S.
TuTh 11:00am-12:15pm (EGR 1202)
MW 4:00pm-4:50pm (EGR 2112) Dis
0107 **(18470)** Bhattacharyya, S.
TuTh 11:00am-12:15pm (EGR 1202)
MW 5:00pm-5:50pm (EGR 2112) Dis

ENEE188 Special Introductory Topics in Electrical Engineering; (1) REG/P-F/AUD. Open to Biological Resource (09030) students only. Not for EE majors.
0101 **(18471)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
Tu 3:00pm-6:00pm (AVW 1330) Lab

ENEE204 Basic Circuit Theory; (3) REG. *Prerequisite: MATH 246.* Engineering College (04) only.
0101 **(18480)** Mayergoyz, I.
TuTh 9:30am-10:45am (MMH 1400)
M 1:00pm-1:50pm (CHE 2136) Dis
0102 **(18481)** Mayergoyz, I.
TuTh 9:30am-10:45am (MMH 1400)
Tu 8:00am-8:50am (EGR 0135) Dis
0104 **(18482)** Mayergoyz, I.
TuTh 9:30am-10:45am (MMH 1400)
W 12:00pm-12:50pm (EGR 0110) Dis
0106 **(18483)** Mayergoyz, I.
TuTh 9:30am-10:45am (MMH 1400)
Th 11:00am-11:50am (EGR 3114) Dis

ENEE206 Fundamental Electric and Digital Circuit Laboratory; (2) REG. *Prerequisite: ENEE 244. Corequisite: ENEE 204. For ENEE majors 09090 only. Credit will be granted for only one of the following: ENEE 206 or ENEE 305. Formerly ENEE 305.*
0101 **(18493)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
M 9:00am-12:00pm (AVW 1330) Lab
0102 **(18494)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
M 1:00pm-4:00pm (AVW 1330) Lab
0104 **(18496)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
W 12:00pm-3:00pm (AVW 1330) Lab
0105 **(18497)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
W 3:30pm-6:30pm (AVW 1330) Lab
0106 **(18498)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
Th 12:00pm-3:00pm (AVW 1330) Lab
0107 **(18499)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
Th 3:30pm-6:30pm (AVW 1330) Lab
0108 **(18500)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
F 8:00am-11:00am (AVW 1330) Lab
0109 **(18501)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
F 1:00pm-4:00pm (AVW 1330) Lab
0110 **(18502)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
W 8:00am-11:00am (AVW 1330) Lab
0111 **(18503)** Lawson, W.
Tu 2:00pm-2:50pm (CHM 1402)
Tu 8:00am-11:00am (AVW 1330) Lab

ENEE241 Numerical Techniques in Engineering; (3) REG. *Prerequisites: MATH 140, MATH 141, and ENEE 114. For ENGR majors only. Credit will be granted for only one of the following: ENES 240 or ENEE241. Formerly ENES 240.*
0101 **(18511)** Emad, F.
MWF 11:00am-11:50am (CHM 1402)
Tu 11:00am-12:00pm (EGR 3114) Dis
0102 **(18512)** Emad, F.
MWF 11:00am-11:50am (CHM 1402)
Th 10:00am-11:00am (EGR 3102) Dis
0103 **(18513)** Emad, F.
MWF 11:00am-11:50am (CHM 1402)
Th 11:00am-12:00pm (EGR 0102) Dis
0104 **(18514)** Emad, F.
MWF 11:00am-11:50am (CHM 1402)
F 1:00pm-2:00pm (EGR 3114) Dis

ENEE244 Digital Logic Design; (3) REG. *Prerequisite: ENES 240.* Engineering College (04) only.
0101 **(18524)** Oruc, Y.
MWF 9:00am-9:50am (EGR 1202)
M 12:00pm-12:50pm (EGR 0110) Dis
0102 **(18525)** Oruc, Y.
MWF 9:00am-9:50am (EGR 1202)
M 2:00pm-2:50pm (EGR 1102) Dis
0201 **(18527)** Silio, C.
TuTh 12:30pm-1:45pm (EGR 1202)
Tu 2:00pm-2:50pm (EGR 0102) Dis
0202 **(18528)** Silio, C.
TuTh 12:30pm-1:45pm (EGR 1202)
Th 2:00pm-2:50pm (CHM 0119) Dis
0203 **(18529)** Silio, C.
TuTh 12:30pm-1:45pm (EGR 1202)
Tu 8:00am-8:50am (EGR 1102) Dis

All lower-division CHEM, MATH, PHYS and Engineering courses that are required courses for the BS degree in Electrical Engineering must be completed before enrolling in any 300- or 400- ENEE course (except ENEE 300 and ENEE 301). Transfer students will be allowed one term to complete all such courses after starting to take upper-level ENEE courses.

ENEE302 Analog Electronic Circuits; (3) REG. *Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18538)** Gomez, R.
MWF 9:00am-9:50am (CHM 2201)
W 2:00pm-2:50pm (CHM 0127) Dis
0102 **(18539)** Gomez, R.
MWF 9:00am-9:50am (CHM 2201)
W 1:00pm-1:50pm (EGR 3102) Dis
0301 **(18542)** Frey, J.
TuTh 9:30am-10:45am (CHM 0115)
M 3:00pm-3:50pm (EGR 1102) Dis
0302 **(18543)** Frey, J.
TuTh 9:30am-10:45am (CHM 0115)
M 1:00pm-1:50pm (EGR 1102) Dis

ENEE312 Digital Electronic Circuits; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18553)** Orloff, J.
MWF 10:00am-10:50am (PLS 1130)
Tu 1:00pm-1:50pm (SYM 2109) Dis
0102 **(18554)** Orloff, J.
MWF 10:00am-10:50am (PLS 1130)
M 12:00pm-12:50pm (EGR 2112) Dis
0201 **(18555)** Newcomb, R.
TuTh 12:30pm-1:45pm (CHE 2110)
Th 9:00am-9:50am (JMP 1202) Dis
0202 **(18556)** Newcomb, R.
TuTh 12:30pm-1:45pm (CHE 2110)
Tu 2:00pm-2:50pm (CHM 0128) Dis

ENEE312H Digital Electronic Circuits; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* For honors students only.
0101 **(18566)** Lin, H.
TuTh 8:00am-9:15am (CLB 0102)
M 9:00am-9:50am (JMP 3104) Dis

ENEE322 Signal and System Theory; (3) REG/AUD. *Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note.* ENEE majors (09090) only.
0101 **(18576)** Goldhar, J.
MWF 10:00am-10:50am (CHM 0115)
W 11:00am-11:50am (EGR 2112) Dis
0102 **(18577)** Goldhar, J.
MWF 10:00am-10:50am (CHM 0115)
W 12:00pm-12:50pm (EGR 1102) Dis
0201 **(18578)** Shamma, S.
TuTh 2:00pm-3:15pm (JMP 2229)
Th 4:00pm-4:50pm (CLB 0109) Dis

(ENEE322 cont'd)

0202 **(18579)** Shamma, S.
TuTh 2:00pm-3:15pm (JMP 2229)
Tu 10:00am-10:50am (EGR 3114) Dis

ENEE322H Signal and System Theory; (3) REG. *Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note.* For honors students only.
0101 **(18589)** Marcus, S.
TuTh 9:30am-10:45am (JMP 3105)
M 8:00am-8:50am (JMP 1202) Dis

ENEE324 Engineering Probability; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18599)** Levine, W.
TuTh 9:30am-10:45am (CLB 0109)
Th 1:00pm-1:50pm (EGR 2112) Dis
0102 **(18600)** Levine, W.
TuTh 9:30am-10:45am (CLB 0109)
Th 2:00pm-2:50pm (EGR 1102) Dis
0201 **(18601)** Abed, E.
MWF 11:00am-11:50am (CHE 2110)
F 1:00pm-1:50pm (JMP 2229) Dis
0202 **(18602)** Abed, E.
MWF 11:00am-11:50am (CHE 2110)
F 3:00pm-3:50pm (EGR 1102) Dis

ENEE350 Computer Organization; (3) REG. *Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 250. Formerly ENEE 250.* ENEE majors (09090) only.
0101 **(18612)** Oruc, Y.
MWF 12:00pm-12:50pm (JMP 2229)
W 2:00pm-2:50pm (EGR 2112) Dis
0102 **(18613)** Oruc, Y.
MWF 12:00pm-12:50pm (JMP 2229)
W 3:00pm-3:50pm (CHM 0127) Dis
0201 **(18614)** Pugsley, J.
TuTh 2:00pm-3:15pm (EGR 1202)
Tu 8:00am-8:50am (EGR 0110) Dis
0202 **(18615)** Pugsley, J.
TuTh 2:00pm-3:15pm (EGR 1202)
Tu 1:00pm-1:50pm (CHE 2136) Dis
0301 **(18616)** Silio, C.
TuTh 9:30am-10:45am (ARM 0112)
M 2:00pm-2:50pm (JMP 2229) Dis
0302 **(18617)** Silio, C.
TuTh 9:30am-10:45am (ARM 0112)
M 3:00pm-3:50pm (JMP 2229) Dis

ENEE380 Electromagnetic Theory; (3) REG. *Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18627)** Taylor, L.
TuTh 12:30pm-1:45pm (JMP 2229)
Tu 3:00pm-3:50pm (CHM 0124) Dis
0102 **(18628)** Taylor, L.
TuTh 12:30pm-1:45pm (JMP 2229)
Tu 2:00pm-2:50pm (EGR 0110) Dis
0201 **(18629)** Antonsen, T.
MWF 11:00am-11:50am (JMP 2229)
W 1:00pm-1:50pm (EGR 1104) Dis
0202 **(18630)** Antonsen, T.
MWF 11:00am-11:50am (JMP 2229)
M 1:00pm-1:50pm (EGR 3102) Dis

ENEE380H Electromagnetic Theory; (3) REG. *Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note.* For honors students only.
0101 **(18640)** Davis, C.
MWF 10:00am-10:50am (CHE 2140)
F 4:00pm-4:50pm (CHE 2136) Dis

ENEE381 Electromagnetic Wave Propagation; (3) REG. *Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18650)** Zaki, K.
MWF 2:00pm-2:50pm (EGR 0108)
F 11:00am-11:50am (EGR 0104) Dis
0102 **(18651)** Zaki, K.
MWF 2:00pm-2:50pm (EGR 0108)
F 1:00pm-1:50pm (EGR 2154) Dis
0201 **(18652)** Reiser, M.
TuTh 11:00am-12:15pm (ARM 0126)
M 2:00pm-2:50pm (EGR 2112) Dis
0202 **(18653)** Reiser, M.
TuTh 11:00am-12:15pm (ARM 0126)
W 2:00pm-2:50pm (EGR 3114) Dis
0203 **(18654)** Reiser, M.
TuTh 11:00am-12:15pm (ARM 0126)
F 2:00pm-2:50pm (EGR 0104) Dis

ENEE407 Microwave-Circuits Laboratory; (2) REG. *Prerequisites: ENEE 305 and 381 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18664)** Zaki, K.
Th 1:00pm-1:50pm (EGR 1102)
Th 2:00pm-5:00pm (AVW 2358) Lab

ENEE413 Electronics Laboratory; (2) REG/P-F/AUD. *Prerequisite: ENEE 302 and ENEE 305 and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(18674)** Frey, J.
W 12:00pm-12:50pm (CHE 2108)
F 1:00pm-4:00pm (EGR 0110) Lab
0102 **(18675)** Frey, J.
W 12:00pm-12:50pm (CHE 2108)
W 1:00pm-4:00pm (ARM 0101) Lab
0103 **(18676)** Frey, J.
W 12:00pm-12:50pm (CHE 2108)
W 4:00pm-7:00pm (CHM 0127) Lab
0104 **(18677)** Frey, J.
W 12:00pm-12:50pm (CHE 2108)
M 3:30pm-6:30pm (CHM 0127) Lab

ENEE417 Microelectronics Design Laboratory; (2) REG. *Prerequisites: ENEE 305 and ENEE 312 and completion of all lower-division technical courses in the EE curriculum. See above note. For ENEE majors only.*
0101 **(18687)** Iliadis, A.
M 2:00pm-2:50pm (EGR 3111)
Tu 2:00pm-5:00pm (AVW 1418) Lab

ENEE419N Topics in Microelectronics: Neural Network Implementation; (3) REG.
0101 **(18688)** STAFF
TuTh 9:30am-10:45am (EGR 0110)

ENEE420 Communication Systems; (3) REG. *Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18697)** STAFF
MW 8:00am-9:15am (EGR 0135)
0201 **(18698)** Goldberg, A.
TuTh 5:00pm-6:15pm (EGR 1104)

ENEE425 Digital Signal Processing; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18709)** Harger, R.
TuTh 11:00am-12:15pm (EGR 0110)
0201 **(18710)** STAFF
MW 5:00pm-6:15pm (JMP 2229)

ENEE426 Communication Networks; (3) REG/P-F/AUD. *Prerequisite: permission of department and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18720)** Tassiulas, L.
MW 11:00am-12:15pm (EGR 3106)

ENEE428 Communications Design Laboratory; (2) REG. ENEE majors (09090) only.
0101 **(18730)** Tretter, S.
Tu 10:00am-10:50am (ARM 0110)
W 2:00pm-5:00pm (AVW 1422) Lab
0102 **(18731)** Tretter, S.
Tu 10:00am-10:50am (ARM 0110)
Th 2:00pm-5:00pm (AVW 1422) Lab
0103 **(18732)** Tretter, S.
Tu 10:00am-10:50am (ARM 0110)
M 2:00pm-5:00pm (AVW 1422) Lab
0104 **(18733)** Tretter, S.
Tu 10:00am-10:50am (ARM 0110)
Tu 2:00pm-5:00pm (AVW 1422) Lab
0105 **(18734)** Tretter, S.
Tu 10:00am-10:50am (ARM 0110)
F 2:00pm-5:00pm (AVW 1422) Lab

ENEE429W *(PermReq)* Topics in Communications: Indoor Wireless Project; (2) REG.
0101 **(18744)** Papamarcou, A.
Th 1:00pm-1:50pm (EGR 3102)
Tu 2:00pm-5:00pm (EGR 3114) Lab
0102 **(18745)** Papamarcou, A.
Th 1:00pm-1:50pm (EGR 3102)
Th 2:00pm-5:00pm (EGR 3111) Lab

ENEE434 Introduction to Neural Networks and Signals; (3) REG. *Prerequisite: ENEE 204 or ENEE 300 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18755)** Declaris, N.
TuTh 3:30pm-4:45pm (EGR 0135)

ENEE440 Microprocessors; (3) REG/AUD. *Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18765)** Hawkins, W.
TuTh 12:30pm-1:45pm (CHE 2108)

ENEE445 Computer Laboratory; (2) REG. *Prerequisite: ENEE 305 and ENEE 440 or ENEE 444 and completion of all lower-division technical course in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18775)** Hawkins, W.
Tu 11:00am-11:50am (EGR 3102)
Th 9:00am-12:00pm (AVW 1458) Lab

ENEE446 Digital Computer Design; (3) REG. *Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18785)** Ja' Ja', J.
MW 12:30pm-1:45pm (CHM 0115)

ENEE448 Microprocessor Systems Design: Microprocessor Design Lab; (3) REG. Prerequisite: ENEE 440. ENEE majors (09090) only.
0101 **(18795)** Hawkins, W.
Th 11:00am-11:50am (EGR 3111)
Time and room to be arranged Lab

ENEE459S Topics in Computer Engineering; (3) REG. Prerequisites: ENEE 350 and knowledge of C. Completion of all lower-division technical courses in the EE curriculum. ENEE majors (09090) only.
0101 **(18805)** Gligor, V.
TuTh 2:00pm-3:15pm (JMP 3104)

ENEE459Y *(PermReq)* Topics in Computer Engineering: Digital VLSI System Design Laboratory; (3) REG.
0101 **(18806)** Nakajima, K.
F 12:30pm-2:00pm (JMP 1109)
F 2:00pm-5:00pm (AVW 1458) Lab

ENEE469E Topics in Control: Digital Control; (3) REG. Students who have taken ENEE 462 may not take this course for credit.
0101 **(18815)** Blankenship, G.
MW 9:30am-10:45am (EGR 0135)

ENEE473 Electrical Machines Laboratory; (2) REG. *Prerequisite: ENEE 305 and completion of all lower-division technical courses in the EE curriculim. See above note.* ENEE majors (09090) only.
0101 **(18825)** Wilson, B.
F 1:00pm-1:50pm (CHM 0115)
F 2:00pm-5:00pm (AVW 1360) Lab

ENEE474 Power Systems; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18837)** Emad, F.
MW 2:00pm-3:15pm (JMP 3105)

ENEE493 Introduction to VLSI Design; (3) REG. *Prerequisite: ENEE 312 and completion of all lower-division technical courses in the EE curriculum. See above note. For ENEE majors only.*
0101 **(18857)** Goldsman, N.
MW 2:00pm-3:15pm (JMP 3104)

ENEE494 Solid State Devices; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18867)** Melngailis, J.
TuTh 11:00am-12:15pm (EGR 3106)

ENEE496 Lasers and Electro-optic Devices; (3) REG. *Pre- or corequisite: ENEE 381. Completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18877)** Ho, P.
TuTh 3:30pm-4:45pm (CHM 0127)

ENEE498A *(PermReq)* Topics in Electrical Engineering: CAD Tools for Microprocessor System Design; (1) REG.
0101 **(18878)** Hawkins, W.
Tu 8:30am-9:30am (EGR 1110)

ENEE499 *(PermReq)* Senior Projects in Electrical Engineering; (1-3) REG. Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only.

ENEE608A Graduate Seminar: Communications; (1) REG/AUD. For majors only.
0101 **(18953)** Farvardin, N.
W 2:00pm-3:00pm (EGR 0104)

ENEE608B Graduate Seminar: Computers; (1) REG/AUD. For majors only.
0101 **(18963)** Yeung, D.
F 11:00am-11:50am (Arranged)

ENEE608C Graduate Seminar: Controls; (1) REG/AUD. For majors only.
0101 **(18973)** Baras, J.
F 4:15pm-5:15pm (EGR 0104)

ENEE608D Graduate Seminar: Electrophysics; (1) REG/AUD. For majors only.
0101 **(18983)** Ho, P.
F 4:00pm-5:00pm (EGR 0135)

ENEE608E Graduate Seminar: Micro-Electronics Seminar; (1) REG/AUD. For majors only.
0101 **(18993)** Newcomb, R.
M 4:00pm-5:00pm (EGR 0110)

ENEE620 Random Processes in Communication and Control; (3) REG/AUD. *Prerequisite: ENEE 324 or equivalent.*
0101 **(19003)** Shayman, M.
TuTh 3:30pm-4:45pm (EGR 1108)

ENEE621 Estimation and Detection Theory; (3) REG/AUD. *Prerequisite: ENEE 620 or equivalent. Also offered as MAPL 644.*
0101 **(19013)** Gansman, J.
MW 3:30pm-4:45pm (CHM 2201)

ENEE623 Digital Communications; (3) REG/AUD. *Prerequisites: ENEE 620 and ENEE 420 or equivalents, or permission of instructor.*
0101 **(19023)** Geraniotis, E.
TuTh 2:00pm-3:15pm (CHM 0127)

ENEE642 Software System Implementation; (3) REG/AUD. *Prerequisite: ENEE 442 or equivalent.*
0101 **(19033)** Stewart, D.
TuTh 12:30pm-1:45pm (EGR 1106)

ENEE644 Computer-Aided Design of Digital Systems; (3) REG/AUD. *Prerequisite: ENEE 440 or ENEE 446.*
0101 **(19043)** Nakajima, K.
MW 9:30am-10:45am (EGR 0110)

ENEE664 Optimal Control; (3) REG/AUD. *Prerequisite: ENEE 460. Also offered as MAPL 641.*
0101 **(19053)** Tits, A.
TuTh 2:00pm-3:15pm (ARM 0110)

ENEE681 Electromagnetic Theory II; (3) REG/AUD. *Prerequisite: ENEE 381 or equivalent.*
0101 **(19063)** Striffler, C.
TuTh 11:00am-12:15pm (JMP 2229)

ENEE691 Optical Communication Systems; (3) REG.
0101 **(19073)** Dagenais, M.
TuTh 3:30pm-4:45pm (JMP 3104)

ENEE696 Integrated and Microwave Electronics; (3) REG/AUD. *Prerequisite: ENEE 310. Recommended: ENEE 493.*
0101 **(19083)** Peckerar, M.
TuTh 5:00pm-6:15pm (JMP 3104)

ENEE697 Semiconductor Devices and Technology; (3) REG/AUD. *Prerequisite: ENEE 496 or equivalent. Recommended: ENEE 493.*
0101 **(19093)** Yang, C.
MW 12:30pm-1:45pm (JMP 3105)

ENEE699A *(PermReq)* Graduate Projects in Electrical Engineering: Independent Study; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENEE699B *(PermReq)* Graduate Projects in Electrical Engineering; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENEE722 Error Correcting Codes; (3) REG/AUD. *Also offered as MAPL 732.*
0101 **(19237)** Tretter, S.
MW 9:30am-10:45am (JMP 2229)

ENEE724 Statistical Signal Processing; (3) REG/AUD. *Prerequisite: ENEE 624.*
0101 **(19247)** Liu, K.
TuTh 5:00pm-6:15pm (CLB 0104)

ENEE729B Advanced Topics in Communication: Multiuser Information Theory and Cryptography; (3) REG/AUD.
0101 **(19248)** Narayan, P.
TuTh 11:00am-12:15pm (EGR 1108)

ENEE752 Knowledge Engineering; (3) REG/AUD. *Prerequisite: permission of instructor.*
0101 **(19249)** STAFF
TuTh 5:00pm-6:15pm (CHM 0127)

ENEE757 Security in Distributed Systems and Networks; (3) REG/AUD. *Prerequisite: ENEE 647; or permission of instructor.*
0101 **(19267)** Gligor, V.
TuTh 5:00pm-6:15pm (JMP 1202)

ENEE759K Advanced Topics in Computer Engineering: Fundamental Algorithmics; (3) REG/AUD.
0101 **(19268)** Vishkin, U.
MW 2:00pm-3:15pm (JMP 1202)

ENEE759M Advanced Topics in Computer Engineering: Microarchitecture; (3) REG/AUD.
0101 **(19277)** Jacob, B.
MW 3:30pm-4:45pm (JMP 3104)

ENEE769Q Advanced Topics in Controls: Modern Analytic and Geometric Approaches to Classical Mechanics and Control Theory II; (3) REG/AUD.
0101 **(19297)** Krishnaprasad, P.
TuTh 2:00pm-3:15pm (MTH 0104)

ENEE790 Quantum Electronics I; (3) REG/AUD. *Prerequisite: a knowledge of quantum mechanics or permission of instructor.*
0101 **(19307)** Lee, C.
MW 3:30pm-4:45pm (EGR 3106)

ENEE799 *(PermReq)* Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 *(PermReq)* Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENES Engineering Science (Engineering)

ENES100 *(PermReq)* Introduction to Engineering Design; (3) REG/P-F/AUD. CORE: PS Engineering College (04) only. ENES 100 may be used to fulfill the ENES 101 requirement effective Fall 1992.
0101 **(19500)** STAFF
W 11:00am-11:50am (HBK 1112)
F 10:00am-11:50am (JMP 1202) Dis
0102 **(19501)** STAFF
W 11:00am-11:50am (EGR 2154)
M 10:00am-11:50am (JMP 1202) Dis
0106 **(19502)** STAFF
W 11:00am-11:50am (CLB 0104)
Tu 2:00pm-3:50pm (JMP 1202) Dis
0202 **(19503)** STAFF
W 12:00pm-12:50pm (ARM 0105)
M 12:00pm-1:50pm (JMP 1202) Dis
0206 **(19505)** STAFF
W 12:00pm-12:50pm (JMP 3104)
Th 2:00pm-3:50pm (JMP 1202) Dis

ENES102 Statics; (2) REG/P-F/AUD. *Prerequisite: MATH 140. For engineering majors only. Formerly ENES 110.* Engineering College (04) only.
0101 **(19526)** STAFF
TuTh 11:00am-11:50am (JMZ 0220)
M 1:00pm-1:50pm (JMP 3104) Dis
0102 **(19527)** STAFF
TuTh 11:00am-11:50am (JMZ 0220)
Tu 1:00pm-1:50pm (JMP 3104) Dis
0103 **(19528)** STAFF
TuTh 11:00am-11:50am (JMZ 0220)
W 1:00pm-1:50pm (JMP 3104) Dis
0104 **(19529)** STAFF
TuTh 11:00am-11:50am (JMZ 0220)
Th 1:00pm-1:50pm (JMP 3104) Dis
0201 **(19530)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
M 1:00pm-1:50pm (CHM 0127) Dis
0202 **(19531)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
Tu 1:00pm-1:50pm (CHM 0122) Dis
0203 **(19532)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
W 1:00pm-1:50pm (CHM 0127) Dis
0204 **(19533)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
Th 1:00pm-1:50pm (CHM 0122) Dis
0301 **(19534)** STAFF
Tu 11:00am-11:50am (PHY 4220)
Th 11:00am-12:50pm (PHY 1219)

ENES220 Mechanics of Materials; (3) REG/P-F/AUD. *Prerequisites: ENES 102; and MATH 141; and PHYS 161. For engineering majors only (not including ENEE majors).* Engineering College (04) only.
0101 **(19543)** Chang, P.
MW 8:00am-8:50am (EGR 1202)
M 2:00pm-4:00pm (EGR 0110) Dis
0102 **(19544)** Chang, P.
MW 8:00am-8:50am (EGR 1202)
W 2:00pm-4:00pm (EGR 3102) Dis
0201 **(19545)** Chang, P.
MW 9:00am-9:50am (CHM 0119)
M 2:00pm-4:00pm (EGR 3102) Dis
0202 **(19546)** Chang, P.
MW 9:00am-9:50am (CHM 0119)
W 2:00pm-4:00pm (EGR 1102) Dis
0301 **(19547)** Albrecht, P.
TuTh 8:00am-9:15am (EGR 3106)
Tu 2:00pm-4:00pm (CHE 2136) Dis
0302 **(19548)** Albrecht, P.
TuTh 8:00am-9:15am (EGR 3106)
Th 2:00pm-4:00pm (CHE 2136) Dis

ENES221 Dynamics; (3) REG/P-F/AUD. *Prerequisites: ENES 102 or ENES 110; and MATH 141; and PHYS 161.* Engineering College (04) only.
0101 **(19558)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
M 1:00pm-2:50pm (ARM 0116) Dis
0102 **(19559)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
Tu 1:00pm-2:50pm (EGR 1104) Dis
0103 **(19560)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
W 1:00pm-2:50pm (HBK 0123) Dis
0104 **(19561)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
Th 1:00pm-2:50pm (EGR 0110) Dis

ENES230 Introduction to Materials and their Applications; (3) REG/P-F/AUD. *Prerequisite: ENES 100 or permission of department.* Engineering College (04) only.
0101 **(19571)** Yeh, K.
TuTh 9:30am-10:45am (CHE 2110)

ENES380 *(PermReq)* Methods for Measuring Quality; (3) REG. *Prerequisite: BMGT 190 or ENES 190. Also offered as BMGT 290.*
0101 **(19594)** STAFF
MW 5:00pm-6:15pm (VMH 2203)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

ENES380H Methods for Measuring Quality; (3) REG. *Prerequisite: BMGT 190 or ENES 190. Also offered as BMGT 290.*
0101 **(19604)** STAFF
MW 5:00pm-6:15pm (VMH 2203)

ENES386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

ENES388 Engineering Honors Seminar; (1) REG/P-F. Engineering College (04) only.
0101 **(19615)** Anderson, J.
M 12:00pm-12:50pm (EGR 1102)

ENES388G Engineering Honors Seminar: Practicum in Group Project Management; (1) REG/P-F.
0101 **(19625)** Schnell, E.
Time and room to be arranged

ENFP Engineering, Fire Protection (Engineering)

ENFP255 Fire Alarm and Special Hazards Design; (3) REG/P-F/AUD. *Formerly ENFP 315.*
0101 **(19675)** Gagnon, R.
MW 2:00pm-3:15pm (EGR 0135)

ENFP310 Water Based Fire Protection Systems Design; (3) REG/P-F/AUD. *Prerequisite: ENFP 300.*
0101 **(19685)** Gagnon, R.
MW 3:30pm-5:15pm (EGR 0135)

ENFP312 *(PermReq)* **Heat and Mass Transfer; (3)** REG/P-F/AUD. *Prerequisites: (ENCH 300 or ENME 320 or ENME 217) and (ENCE 330 or ENME 342).*
0101 **(19695)** Torero, J.
MW 11:00am-12:15pm (EGR 0135)

ENFP405 *(PermReq)* **Structural Fire Protection; (3)** REG/P-F/AUD. *Prerequisite: ENES 220. For ENFP majors only.*
0101 **(19705)** STAFF
Tu 5:00pm-8:00pm (EGR 0135)

ENFP411 *(PermReq)* **Fire Risk Assessment; (3)** REG/P-F/AUD. *Prerequisites: ENFP 251; and ENFP 315.*
0101 **(19715)** Mowrer, F.
TuTh 11:00am-12:15pm (EGR 0135)

ENFP416 *(PermReq)* **Problem Synthesis and Design; (3)** REG/P-F/AUD. *Senior standing.* Majors only.
0101 **(19725)** Spivak, S.
TuTh 2:00pm-3:15pm (EGR 0135)

ENFP425 *(PermReq)* **Fire Modeling; (3)** REG/P-F/AUD. *Prerequisite: permission of department. Senior standing. For ENFP majors only.*
0101 **(19735)** Mowrer, F.
W 5:30pm-8:00pm (EGR 0135)

ENFP429 *(PermReq)* **Independent Studies; (1-3)** REG/P-F/AUD. Prerequisite: Senior standing. Majors only.
0101 **(19745)** Spivak, S.
Time and room to be arranged

ENFP450 *(PermReq)* **Professional Development Seminar; (1)** S-F/AUD. *Prerequisite: permission of department. Senior standing.*
0101 **(19755)** Spivak, S.
W 1:00pm-1:50pm (EGR 0135)

ENFP489 *(PermReq)* **Special Topics; (3)** REG/P-F/AUD. Majors only.
0101 **(19765)** Spivak, S.
Time and room to be arranged

ENFP489P *(PermReq)* **Special Topics: Performance Based Codes; (3)** REG/P-F/AUD. Prerequisite: permission of department. Senior standing.
0101 **(19776)** Brannigan, V.
M 3:00pm-5:30pm (EGR 3111)

ENFP619 Graduate Seminar; (1) REG/AUD.
0101 **(19795)** Spivak, S.
Time and room to be arranged
Time and room to be arranged Dis

ENFP620 Fire Dynamics Laboratory; (3) REG/AUD. *Recommended: ENFP 415.*
0101 **(19805)** Quintiere, J.
Th 5:00pm-8:00pm (EGR 1108)

ENFP622 Fire Protection Engineering Hazard Analysis; (3) REG/AUD. *Prerequisite: ENFP 610.*
0101 **(19815)** Mowrer, F.
TuTh 11:00am-12:15pm (EGR 0135)

ENFP629P *(PermReq)* **Selected Topics: Performance Based Codes; (3)** REG/AUD. Prerequisite: permission of department.
0101 **(19826)** Brannigan, V.
M 3:00pm-5:30pm (EGR 3111)

ENFP630 Diffusion Flames and Burning Rate Theory; (3) REG/AUD.
0101 **(19835)** Quintiere, J.
M 5:30pm-8:00pm (EGR 0135)

ENFP649 *(PermReq)* **Special Problems; (1-3)** REG/AUD.
0101 **(19845)** Spivak, S.
Time and room to be arranged

ENFP799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENGL English (Arts and Humanities)

ENGL101 Introduction to Writing; (3) REG. Students with a TSWE score of 33 or below must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101.
0101 **(19978)** Hammond, M.
MWF 9:00am-9:50am (JMZ 3205)
0103 **(19920)** Shemak, A.
MWF 9:00am-9:50am (HBK 0125)
0104 **(19921)** Brenner, N.
MWF 9:00am-9:50am (KEY 0123)
0105 **(19922)** Berlatsky, E.
MWF 9:00am-9:50am (KEY 0119)
0106 **(19923)** Dorsey, C.
MWF 9:00am-9:50am (KEY 0124)
0202 **(19926)** McDonald, K.
MWF 10:00am-10:50am (HBK 0123)
0203 **(19927)** Piccininni, D.
MWF 10:00am-10:50am (EGR 0108)
0204 **(19928)** Sherman, A.
MWF 10:00am-10:50am (HBK 0125)
0205 **(19929)** Brenner, N.
MWF 10:00am-10:50am (KEY 0123)
0206 **(19930)** Brookshire, D.
MWF 10:00am-10:50am (EGR 3114)
0207 **(19979)** Jones, C.
MWF 10:00am-10:50am (TWS 2228)
0301 **(19931)** Brookshire, D.
MWF 11:00am-11:50am (EGR 3111)
0302 **(19932)** Laudien, H.
MWF 11:00am-11:50am (WDS 1131)
0303 **(19933)** Lana, R.
MWF 11:00am-11:50am (ARM 0119)
0304 **(19934)** Walls, D.
MWF 11:00am-11:50am (TWS 0135)
0306 **(19935)** STAFF
MWF 11:00am-11:50am (ARM 0121)
0307 **(19980)** STAFF
MWF 11:00am-11:50am (KEY 0119)
0308 **(19936)** Young, T.
MWF 11:00am-11:50am (ARM 0103)
0401 **(19937)** Lewnes, L.
MWF 12:00pm-12:50pm (SQH 1107)
0402 **(19938)** Lana, R.
MWF 12:00pm-12:50pm (ARM 0120)
0403 **(19939)** STAFF
MWF 12:00pm-12:50pm (ASY 3219)
0404 **(19940)** Rubin, M.
MWF 12:00pm-12:50pm (ARM 0121)
0405 **(19941)** Ballantyne, J.
MWF 12:00pm-12:50pm (SQH 1103)
0407 **(19981)** STAFF
MWF 12:00pm-12:50pm (ARC 1125)
0501 **(19943)** STAFF
MWF 1:00pm-1:50pm (HBK 1112)
0502 **(19944)** Foss, R.
MWF 1:00pm-1:50pm (SQH 1123)
0503 **(19982)** STAFF
MWF 1:00pm-1:50pm (DNC 1143)
0504 **(19945)** Rubin, M.
MWF 1:00pm-1:50pm (ARM 0121)
0505 **(19946)** Lewnes, L.
MWF 1:00pm-1:50pm (KEY 0121)
0601 **(19947)** STAFF
MWF 2:00pm-2:50pm (SQH 1119)
0602 **(19948)** STAFF
MWF 2:00pm-2:50pm (ARM 0103)
0603 **(19949)** STAFF
MWF 2:00pm-2:50pm (KEY 0123)
0604 **(19950)** STAFF
MWF 2:00pm-2:50pm (KEY 0125)
0605 **(19983)** STAFF
MWF 2:00pm-2:50pm (DNC 1139B)
1001 **(19951)** Diehl, L.
TuTh 8:00am-9:15am (KEY 0117)
1002 **(19952)** STAFF
TuTh 8:00am-9:15am (SQH 2120)
1101 **(19953)** Johnson, S.
TuTh 9:30am-10:45am (EGR 0104)
1102 **(19954)** Jeffers, P.
TuTh 9:30am-10:45am (KEY 0117)
1103 **(19955)** Mondie, L.
TuTh 9:30am-10:45am (ARC 1125)
1104 **(19956)** DiMarco, A.
TuTh 9:30am-10:45am (ARC 1121)
1105 **(19957)** Solomon, D.
TuTh 9:30am-10:45am (KEY 0124)
1106 **(19958)** Saksena, R.
TuTh 9:30am-10:45am (ARM 0102)
1107 **(19959)** Elliott, M.
TuTh 9:30am-10:45am (JMZ 2117)
1108 **(19984)** STAFF
TuTh 9:30am-10:45am (DNC 1147A)
1109 **(19985)** Comment, K.
TuTh 9:30am-10:45am (ARM 0121)
1201 **(19960)** Solomon, D.
TuTh 11:00am-12:15pm (JMP 1109)
1202 **(19961)** Johnson, S.
TuTh 11:00am-12:15pm (EGR 1102)
1203 **(19962)** Tabor, K.
TuTh 11:00am-12:15pm (JMP 3105)
1204 **(19963)** Romagnolo, C.
TuTh 11:00am-12:15pm (EGR 1110)
1205 **(19964)** Colella, J.
TuTh 11:00am-12:15pm (HBK 1112)
1206 **(19965)** McCarthy, K.
TuTh 11:00am-12:15pm (JMZ 1117)
1207 **(19986)** Saksena, R.
TuTh 11:00am-12:15pm (ARC 1125)
1208 **(51732)** Comment, K.
TuTh 11:00am-12:15pm (ARM 0105)
1301 **(19966)** Eklund, S.
TuTh 12:30pm-1:45pm (HBK 1112)
1302 **(19967)** Turney, R.
TuTh 12:30pm-1:45pm (TWS 0131)
1303 **(19968)** STAFF
TuTh 12:30pm-1:45pm (ARM 0121)
1304 **(51733)** STAFF
TuTh 12:30pm-1:45pm (ARM 0103)
1305 **(19969)** Perrillo, J.
TuTh 12:30pm-1:45pm (PLS 1162)
1306 **(19970)** STAFF
TuTh 12:30pm-1:45pm (PLS 1119)
1307 **(19971)** Brand, M.
TuTh 12:30pm-1:45pm (KEY 0119)
1401 **(51734)** STAFF
TuTh 2:00pm-3:15pm (ARM 0119)
1402 **(19972)** Murphy, K.
TuTh 2:00pm-3:15pm (SQH 1111)
1403 **(19973)** STAFF
TuTh 2:00pm-3:15pm (HBK 1112)
1404 **(19974)** Brand, M.
TuTh 2:00pm-3:15pm (KEY 0117)
1405 **(19975)** Slusser, T.
TuTh 2:00pm-3:15pm (KEY 0119)
1406 **(19976)** Pearson, N.
TuTh 2:00pm-3:15pm (JMZ 0103)
1407 **(19977)** STAFF
TuTh 2:00pm-3:15pm (ARM 0118)

ENGL101+ Introduction to Writing; (3) REG. Restricted to students in a College Park Scholars Program.
0108 **(19987)** STAFF
MWF 9:00am-9:50am (CBD 1134)
Restricted to students in a College Park Scholars Program. Focus is College Park Scholars - Science, Technology and Society.
0201 **(19988)** Heidkamp, B.
MWF 10:00am-10:50am (KEY 0124)
Restricted to students in a College Park Scholars Program. Focus is College Park Scholars - Arts.
0406 **(19989)** STAFF
MWF 12:00pm-12:50pm (CBD 1134)
Restricted to students in a College Park Scholars Program. Focus on College Park Scholars - Life Sciences.
0407 **(19990)** STAFF
MWF 12:00pm-12:50pm (HBK 0123)
Restricted to students in a College Park Scholars Program. Focus on College Park Scholars - International Studies.
0506 **(19991)** STAFF
MWF 1:00pm-1:50pm (KEY 0119)
Restricted to students in a College Park Scholars Program. Focus on College Park Scholars - Advocates for Children.
1205 **(19992)** STAFF
TuTh 11:00am-12:15pm (ARM 0102)
Restricted to students in a College Park Scholars Program. Focus on College Park Scholars - Environmental Studies.

ENGL101A Introduction to Writing; (3) REG. Students must take ENGL 101A rather than ENGL 101 if their TSWE score (a subscore of the SAT verbal) is 33 or below. Classes are limited to 15 students.
1701 **(20002)** Oliver, G.
TuTh 11:00am-12:15pm (ARC 1121)

ENGL101H Introduction to Writing; (3) REG. For general Honors students or students with a verbal SAT of 600 or better.
0101 **(20013)** Singer, M.
MWF 11:00am-11:50am (ARM 0101)
A student enrolled in ENGL X101, Spring 1998, will have a reserved seat in ENGL 101X for the Spring 1998 semester. The enrollment must be confirmed during Spring 1998 advance registration.

ENGL101X Introduction to Writing; (3) REG. Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to advisors 1. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005, Advanced English as a Foreign Language, Semi-Intensive.
2001 **(20023)** Satelmajer, I.
MWF 9:00am-9:50am (KEY 0117)
2002 **(20024)** STAFF
TuTh 11:00am-12:15pm (PLS 1162)
2003 **(20025)** Williams, E.
TuTh 9:30am-10:45am (ARC 1123)
2004 **(20026)** Zhu, A.
MWF 12:00pm-12:50pm (KEY 0123)
2005 **(20027)** Zhu, A.
MWF 10:00am-10:50am (KEY 0119)
2007 **(20028)** Maisto, M.
TuTh 12:30pm-1:45pm (JRN 1105)
2008 **(20029)** Maisto, M.
TuTh 2:00pm-3:15pm (ARM 0102)

ENGL201 Western World Literature: Homer to the Renaissance; (3) REG/P-F/AUD. CORE: HL
0201 **(20039)** Wilson, G.
TuTh 11:00am-12:15pm (TWS 0138)
0401 **(20040)** Wilson, G.
TuTh 12:30pm-1:45pm (TWS 0138)

ENGL202 Western World Literature: Renaissance to the Present; (3) REG/P-F/AUD. CORE: HL
0201 **(20050)** Doggett, R.
MWF 1:00pm-1:50pm (DNC 1139B)
0301 **(20051)** Doggett, R.
MWF 2:00pm-2:50pm (DNC 1143)

ENGL202H Western World Literature: Renaissance to the Present; (3) REG/P-F/AUD. CORE: HL For general honors students only.
0101 **(20061)** Howard, J.
MW 2:00pm-3:15pm (SQH 2121)

ENGL205 Introduction to Shakespeare; (3) REG/P-F/AUD. CORE: HL *Recommended for non-majors.*
0101 **(20071)** Bailey, K.
TuTh 9:30am-10:45am (PLS 1113)
0201 **(20072)** Suben, K.
MWF 9:00am-9:50am (SQH 1103)
0401 **(20073)** Stackhouse, A.
TuTh 11:00am-12:15pm (SQH 1105)
0501 **(20074)** Driver, E.
MWF 11:00am-11:50am (SQH 1119)
0601 **(20075)** Suben, K.
MWF 10:00am-10:50am (KEY 0126)
0701 **(20076)** Stackhouse, A.
TuTh 12:30pm-1:45pm (SQH 2120)

ENGL211 English Literature: Beginnings to 1800; (3) REG/P-F/AUD. CORE: HL
0101 **(20086)** Johnson, S.
MWF 10:00am-10:50am (SQH 1105)

ENGL212 English Literature: 1800 to the Present; (3) REG/P-F/AUD. CORE: HL
0201 **(20096)** Garofalo, D.
MWF 10:00am-10:50am (KEY 0125)
0401 **(20097)** Garofalo, D.
MWF 11:00am-11:50am (TWS 0131)

ENGL212H English Literature: 1800 to the Present; (3) REG/P-F/AUD. CORE: HL For general honors students only.
0101 **(20107)** Peterson, W.
TuTh 11:00am-12:15pm (LEF 1201)

ENGL221 American Literature: Beginning to 1865; (3) REG/P-F/AUD. CORE: HL
0101 **(20117)** Biele, J.
TuTh 12:30pm-1:45pm (JRN 1104)
0201 **(20118)** Biele, J.
TuTh 2:00pm-3:15pm (ZOP 1124)

ENGL222 American Literature: 1865 to Present; (3) REG/P-F/AUD. CORE: HL
0101 **(20128)** Orgeron, D.
TuTh 9:30am-10:45am (TLF 2101)
0201 **(20129)** Osterman, J.
TuTh 11:00am-12:15pm (LEF 1220)
0401 **(20130)** Osterman, J.
TuTh 12:30pm-1:45pm (DNC 1147A)
0501 **(20131)** Solomon, T.
MWF 10:00am-10:50am (SQH 2121)
0601 **(20132)** Duvall, J.
MWF 11:00am-11:50am (SQH 1117)
0701 **(20133)** Duvall, J.
MWF 12:00pm-12:50pm (SQH 1117)

ENGL234 Introduction to African-American Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(20143)** Hammond, E.
MWF 9:00am-9:50am (KEY 0116)
0301 **(20144)** Gordon, M.
TuTh 11:00am-12:15pm (SQH 2121)
0601 **(20145)** Schramm, G.
MWF 11:00am-11:50am (KEY 0103)
0701 **(20146)** Orlando, E.
MWF 10:00am-10:50am (KEY 0103)
0801 **(20147)** Crawford, N.
TuTh 9:30am-10:45am (LEF 1201)
0901 **(20148)** Walsh, A.
TuTh 12:30pm-1:45pm (HBK 0123)
1001 **(20149)** Walsh, A.
TuTh 2:00pm-3:15pm (TWS 0131)
1101 **(20150)** Slack, K.
MWF 1:00pm-1:50pm (WDS 1114)
1201 **(20151)** Slack, K.
MWF 2:00pm-2:50pm (TLF 1103)

ENGL240 Introduction to Fiction, Poetry, and Drama; (3) REG/P-F/AUD. CORE: HL *Not open to students who have completed ENGL 102.*
0101 **(20160)** Heidkamp, B.
MWF 9:00am-9:50am (SQH 1117)
0301 **(20161)** Forrester, M.
TuTh 11:00am-12:15pm (LEF 1222)

ENGL241 Introduction to the Novel; (3) REG/P-F/AUD. CORE: HL
0101 **(20171)** Sevick, L.
TuTh 11:00am-12:15pm (SQH 1119)
0201 **(20172)** Salamanca, J.
TuTh 9:30am-10:45am (SQH 2121)
0301 **(20173)** Kim, Y.
MWF 11:00am-11:50am (SQH 1105)
0501 **(20174)** Sevick, L.
TuTh 2:00pm-3:15pm (SQH 1101)
0901 **(20175)** Kim, Y.
MWF 9:00am-9:50am (SQH 1105)

ENGL242 Introduction to Non-Fiction Prose; (3) REG/P-F/AUD. CORE: HL
0101 **(20185)** Schoop, M.
TuTh 12:30pm-1:45pm (SQH 1105)

ENGL243 Introduction to Poetry; (3) REG/P-F/AUD. CORE: HL
0101 **(20196)** Berger, D.
TuTh 11:00am-12:15pm (HBK 0103)
0201 **(20197)** Parikh, C.
TuTh 2:00pm-3:15pm (SQH 1107)
0301 **(20198)** Parikh, C.
TuTh 12:30pm-1:45pm (SQH 2121)
0401 **(20199)** Lazo, R.
MWF 12:00pm-12:50pm (SQH 2117)
0501 **(20200)** Benvenuto, A.
MWF 9:00am-9:50am (SQH 1121)
0601 **(20201)** Lazo, R.
MWF 1:00pm-1:50pm (SQH 1105)
0701 **(20202)** Benvenuto, A.
MWF 10:00am-10:50am (SQH 2122)
0801 **(20203)** McCarthy, K.
TuTh 9:30am-10:45am (WDS 1131)

ENGL244 Introduction to Drama; (3) REG/P-F/AUD. CORE: HL
0101 **(20213)** Hurd, R.
TuTh 9:30am-10:45am (HBK 1116)
0201 **(20214)** Osherow, M.
MWF 2:00pm-2:50pm (VMH 1206)
0301 **(20215)** Hurd, R.
TuTh 12:30pm-1:45pm (TYD 0101)
0401 **(20216)** Osherow, M.
MWF 1:00pm-1:50pm (SQH 1117)

ENGL250 Introduction to Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 255. Credit will be granted for only one of the following: ENGL 250 or WMST 255.*
0101 **(20226)** Taylor, D.
TuTh 2:00pm-3:15pm (TLF 1103)
0201 **(20227)** STAFF
MWF 1:00pm-1:50pm (SQH 1101)
0301 **(20228)** Breakstone, C.
TuTh 11:00am-12:15pm (PLS 1117)
0401 **(20229)** STAFF
MWF 11:00am-11:50am (SQH 2122)
0501 **(20230)** Terchek, M.
MWF 9:00am-9:50am (SQH 2122)
0601 **(20231)** Vetter, L.
TuTh 9:30am-10:45am (LEF 1220)
0701 **(20232)** Breakstone, C.
TuTh 12:30pm-1:45pm (SQH 2122)
0801 **(20233)** Williams, G.
TuTh 11:00am-12:15pm (TYD 0111)

ENGL260 Introduction to Folklore; (3) REG/P-F/AUD. CORE: SH
0101 **(20242)** Kelly, E.
TuTh 11:00am-12:15pm (LEF 1221)
0201 **(20243)** Moody, S.
MWF 9:00am-9:50am (KEY 0103)

ENGL277 Mythologies: An Introduction; (3) REG/P-F/AUD. CORE: HL
0101 **(20253)** STAFF
TuTh 9:30am-10:45am (KEY 0125)

CORE Codes ... CS - Capstone **HL** - Humanities and the Arts, Literature **HA** - Humanities and the Arts, History or Theory of the Arts
HO - Humanities and the Arts, Humanities **PS** - Mathematics and the Sciences, Physical Sciences (Non-Lab)
PL - Mathematics and the Sciences, Physical Sciences (Lab)

ENGL

ENGL281 Standard English Grammar, Usage, and Diction; (3) REG/P-F/AUD.
0101 **(20264)** Oliver, G.
TuTh 9:30am-10:45am (SQH 2120)
0201 **(20265)** STAFF
MWF 2:00pm-2:50pm (SQH 1117)

ENGL291 Intermediate Writing; (3) REG/P-F/AUD.
0201 **(20285)** Brovey, A.
MWF 1:00pm-1:50pm (SQH 1111)

ENGL294 Introduction to Creative Writing; (3) REG/P-F/AUD.
0201 **(20295)** Walpert, B.
MWF 12:00pm-12:50pm (SQH 1123)
0301 **(20296)** Martinelli, B.
TuTh 2:00pm-3:15pm (SQH 1105)

ENGL294N Introduction to Creative Writing; (3) REG/P-F/AUD. Creative writing taught from an African-American perspective. Credit will be granted for only one of the following: ENGL 294 or ENGL294N.
0101 **(20306)** Russell, V.
TuTh 3:30pm-4:45pm (NCC 0120)

ENGL296 Beginning Fiction Workshop; (3) REG/P-F/AUD.
0101 **(20316)** Fromme, G.
TuTh 11:00am-12:15pm (ARM 0121)
0201 **(20317)** Provorny, M.
TuTh 9:30am-10:45am (ARC 1127)
0301 **(20318)** Ballantyne, J.
MWF 2:00pm-2:50pm (SQH 1105)

ENGL297 Beginning Poetry Workshop; (3) REG/P-F/AUD.
0201 **(20328)** Nelson, M.
TuTh 9:30am-10:45am (KEY 0119)
0301 **(20329)** Anderson, W.
TuTh 2:00pm-3:15pm (ARC 1125)
0401 **(20330)** Foss, R.
MWF 2:00pm-2:50pm (DNC 1147A)

ENGL301 Critical Methods in the Study of Literature; (3) REG. *For English and English education majors only.*
0101 **(20340)** Robinson, J.
TuTh 12:30pm-1:45pm (DNC 1139B)
0201 **(20341)** Richardson, B.
MWF 1:00pm-1:50pm (SQH 1107)
0401 **(20342)** Barry, J.
MWF 10:00am-10:50am (DNC 1139B)
0501 **(20343)** Cartwright, K.
TuTh 9:30am-10:45am (SQH 1103)
0701 **(20344)** Hamilton, D.
MWF 9:00am-9:50am (SQH 2120)
0801 **(20345)** Hammond, E.
MWF 10:00am-10:50am (KEY 0116)

ENGL310 Medieval and Renaissance British Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0201 **(20355)** Olmert, M.
TuTh 9:30am-10:45am (SQH 1121)

ENGL311 Baroque and Augustan British Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(20365)** Marcuse, M.
TuTh 11:00am-12:15pm (SQH 1117)

ENGL312 Romantic to Modern British Literature; (3) REG/P-F/AUD.
0201 **(20375)** STAFF
MWF 10:00am-10:50am (SQH 1121)
0301 **(20376)** Howard, J.
MWF 1:00pm-1:50pm (SQH 2117)
0401 **(20377)** Kleine, D.
TuTh 2:00pm-3:15pm (SQH 1117)

ENGL313 American Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(20387)** Ruppel, F.
MWF 1:00pm-1:50pm (TLF 2101)
0201 **(20388)** Van Egmond, P.
TuTh 11:00am-12:15pm (SQH 2120)

ENGL345 Twentieth Century Poetry; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Not open to students who have completed ENGL 445 or ENGL 446.*
0101 **(20398)** Loizeaux, E.
TuTh 2:00pm-3:15pm (LEF 1201)

ENGL348C Literary Works by Women: Literature by Women: Women in the Plantation Household; (3) REG/P-F/AUD. DIVERSITY
0101 **(20408)** Ryan, L.
TuTh 12:30pm-1:45pm (SQH 1101)

ENGL348D Literary Works by Women: Science Fiction by Women; (3) REG/P-F/AUD. DIVERSITY
0101 **(20418)** Donawerth, J.
TuTh 9:30am-10:45am (SQH 1117)

ENGL348L Literary Works by Women: Contemporary Fiction by Women; (3) REG/P-F/AUD. DIVERSITY
0101 **(20428)** Leonardi, S.
TuTh 11:00am-12:15pm (HBK 0105)

ENGL360 African, Indian and Caribbean Writers; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(20438)** Morrison, S.
MWF 10:00am-10:50am (SQH 1101)
0102 **(20439)** Morrison, S.
MWF 11:00am-11:50am (SQH 1101)

ENGL362 Caribbean Literature in English; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(20450)** King, N.
TuTh 12:30pm-1:45pm (KEY 0123)

ENGL370 *(PermReq)* **Junior Honors Conference; (1)** REG/P-F/AUD. *Prerequisite: candidacy for honors in English.*
0101 **(20470)** Levine, R.
Th 3:30pm-5:30pm (SQH 2117)

ENGL379A Special Topics in Literature: Literature and Theories of Race and Ethnicity; (3) REG/P-F/AUD.
0101 **(20480)** Ray, S.
MWF 9:00am-9:50am (SQH 1101)

ENGL379B Special Topics in Literature: Blues and African-American Folk Song; (3) REG/P-F/AUD.
0101 **(20490)** Pearson, B.
MWF 10:00am-10:50am (SQH 1117)

ENGL379C Special Topics in Literature: Electronic Textuality; (3) REG/P-F/AUD.
0101 **(20500)** Fraistat, N.
TuTh 12:30pm-1:45pm (SQH 1103)

ENGL379D Special Topics in Literature: Gambling the Gambler; (3) REG/P-F/AUD.
0101 **(20510)** Isaacs, N.
TuTh 11:00am-12:15pm (SQH 1103)

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; (3) REG. Prerequisite: two literature courses.
0101 **(20520)** Miller, J.
Tu 6:30pm-10:00pm (SQH 1120)

ENGL379G Special Topics in Literature: Comedies of Manners 2: The Films of Woody Allen; (3) REG.
0101 **(20530)** Miller, J.
W 6:30pm-10:00pm (SQH 1120)

ENGL379J Special Topics in Literature: Fabulist Cinema: The Films of James Cameron, John Boorman and Ridley Scott; (3) REG/P-F/AUD.
0101 **(20560)** Miller, J.
Th 6:30pm-10:00pm (SQH 1119)

ENGL379P Special Topics in Literature: Faith and Doubt in English Literature; (3) REG/P-F/AUD.
0101 **(20570)** Peterson, W.
TuTh 9:30am-10:45am (SQH 1101)

ENGL380 *(PermReq)* **Internship; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(20630)** Terchek, M.
Time and room to be arranged
0201 **(20631)** Terchek, M.
Time and room to be arranged
0301 **(20632)** Shevlin, E.
Time and room to be arranged
0401 **(20633)** Terchek, M.
Time and room to be arranged

ENGL391 Advanced Composition; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0001 **(20643)** STAFF
MWF 8:00am-8:50am (SQH 2119)
0102 **(20644)** STAFF
MWF 9:00am-9:50am (SQH 2117)
0103 **(20645)** STAFF
MWF 9:00am-9:50am (SQH 2119)
0202 **(20646)** STAFF
MWF 10:00am-10:50am (SQH 2119)
0203 **(20647)** STAFF
MWF 10:00am-10:50am (DNC 1147A)
0301 **(20648)** STAFF
MWF 11:00am-11:50am (KEY 0120)
0303 **(20649)** STAFF
MWF 11:00am-11:50am (KEY 0126)
0402 **(20650)** STAFF
MWF 12:00pm-12:50pm (KEY 0124)
0404 **(20651)** STAFF
MWF 12:00pm-12:50pm (KEY 0120)
0502 **(20652)** STAFF
MWF 2:00pm-2:50pm (ASY 3219)
0504 **(20653)** STAFF
MWF 1:00pm-1:50pm (KEY 0120)
0601 **(20654)** STAFF
MWF 2:00pm-2:50pm (KEY 0120)
1001 **(20655)** STAFF
TuTh 8:00am-9:15am (SQH 1111)
1101 **(20656)** STAFF
TuTh 9:30am-10:45am (WDS 1130)
1104 **(20657)** STAFF
TuTh 9:30am-10:45am (DNC 1139B)
1105 **(20658)** STAFF
TuTh 9:30am-10:45am (HBK 1108)
1202 **(20659)** STAFF
TuTh 11:00am-12:15pm (DNC 1139B)
1203 **(20660)** STAFF
TuTh 11:00am-12:15pm (KEY 0124)
1302 **(20661)** STAFF
TuTh 12:30pm-1:45pm (LEF 1201)
1303 **(20662)** STAFF
TuTh 12:30pm-1:45pm (SQH 1111)
1401 **(20663)** STAFF
TuTh 2:00pm-3:15pm (KEY 0120)
1501 **(20664)** STAFF
W 6:00pm-8:40pm (SQH 2117)

ENGL391X Advanced Composition; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Limited to students for whom English is a second language and who have a score below any of the following: SAT Verbal 400, TOEFL 575, CELT 250. Students who have received an "A" in ENGL 101 or its equivalent cannot register for ENGL 391X. This course satisfies the junior English requirement.
0301 **(20674)** STAFF
TuTh 11:00am-12:15pm (CHE 2145)

ENGL392 Advanced Composition: Pre-Law; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(20684)** STAFF
TuTh 11:00am-12:15pm (HBK 0125)
0201 **(20685)** STAFF
TuTh 9:30am-10:45am (ARM 0101)
0301 **(20686)** STAFF
MWF 11:00am-11:50am (SQH 2120)
0401 **(20687)** STAFF
W 7:00pm-9:40pm (SQH 1101)
0501 **(20688)** STAFF
MWF 1:00pm-1:50pm (KEY 0123)
0601 **(20689)** STAFF
TuTh 8:00am-9:15am (TYD 2108)

ENGL393 Technical Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0001 **(20699)** STAFF
MWF 8:00am-8:50am (SQH 1101)
0101 **(20700)** STAFF
MWF 9:00am-9:50am (KEY 0125)
0102 **(20701)** STAFF
MWF 9:00am-9:50am (SQH 2121)
0201 **(20702)** STAFF
MWF 10:00am-10:50am (EGR 3102)
0203 **(20703)** STAFF
MWF 10:00am-10:50am (SQH 1111)
0301 **(20704)** STAFF
MWF 11:00am-11:50am (DNC 1139B)
0302 **(20705)** STAFF
MWF 11:00am-11:50am (SQH 1111)
0303 **(20706)** STAFF
MWF 11:00am-11:50am (KEY 0117)
0401 **(20707)** STAFF
MWF 12:00pm-12:50pm (SQH 1111)
0403 **(20708)** STAFF
MWF 12:00pm-12:50pm (SQH 1101)
0501 **(20709)** STAFF
MWF 1:00pm-1:50pm (SQH 2119)
0602 **(20710)** STAFF
MWF 2:00pm-2:50pm (SQH 2117)
1001 **(20711)** STAFF
TuTh 8:00am-9:15am (SQH 2119)
1101 **(20712)** STAFF
TuTh 9:30am-10:45am (JMZ 0103)
1102 **(20713)** STAFF
TuTh 9:30am-10:45am (WDS 1127)
1104 **(20714)** STAFF
TuTh 9:30am-10:45am (KEY 0120)
1201 **(20715)** STAFF
TuTh 11:00am-12:15pm (KEY 0119)
1202 **(20716)** STAFF
TuTh 11:00am-12:15pm (WDS 1131)
1203 **(20717)** STAFF
TuTh 11:00am-12:15pm (KEY 0120)
1301 **(20718)** STAFF
TuTh 12:30pm-1:45pm (KEY 0117)
1304 **(20719)** STAFF
TuTh 12:30pm-1:45pm (KEY 0125)
1305 **(20720)** STAFF
TuTh 12:30pm-1:45pm (KEY 0124)
1401 **(20721)** STAFF
TuTh 2:00pm-3:15pm (ARM 0121)
1601 **(20722)** STAFF
M 6:00pm-8:40pm (SQH 2120)
1603 **(20723)** STAFF
Tu 6:00pm-8:40pm (SQH 1117)
1604 **(20724)** STAFF
W 6:00pm-8:40pm (SQH 1119)
1605 **(20725)** STAFF
Th 6:00pm-8:40pm (SQH 2119)
1607 **(20726)** STAFF
Tu 6:00pm-8:40pm (SQH 1101)

ENGL393X Technical Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Limited to students for whom English is a second language and who have a score below any of the following: SAT Verbal 400, TOEFL 575, CELT 250. Students who have received an "A" in ENGL 101 or its equivalent cannot register for ENGL 393X. This course satisfies the junior English requirement.
0101 **(20736)** STAFF
MWF 11:00am-11:50am (SQH 2119)
0201 **(20737)** STAFF
MWF 12:00pm-12:50pm (SQH 1105)
1002 **(20738)** STAFF
TuTh 9:30am-10:45am (KEY 0123)
1503 **(20739)** STAFF
TuTh 11:00am-12:15pm (KEY 0117)

ENGL394 Business Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(20749)** STAFF
MWF 9:00am-9:50am (SQH 1111)
0103 **(20750)** STAFF
MWF 9:00am-9:50am (KEY 0126)
0201 **(20751)** STAFF
MWF 10:00am-10:50am (SQH 1123)
0202 **(20752)** STAFF
MWF 10:00am-10:50am (KEY 0117)
0301 **(20753)** STAFF
MWF 11:00am-11:50am (KEY 0124)
0302 **(20754)** STAFF
MWF 11:00am-11:50am (SQH 1123)
0303 **(20755)** STAFF
MWF 11:00am-11:50am (SQH 2117)
0401 **(20756)** STAFF
MWF 12:00pm-12:50pm (SQH 2119)
0402 **(20757)** STAFF
MWF 12:00pm-12:50pm (KEY 0125)
0501 **(20758)** STAFF
MWF 1:00pm-1:50pm (KEY 0124)
0601 **(20759)** STAFF
MWF 2:00pm-2:50pm (SQH 1123)
0602 **(20760)** STAFF
TuTh 8:00am-9:15am (SQH 1101)
0701 **(20761)** STAFF
TuTh 9:30am-10:45am (SQH 1111)
0702 **(20762)** STAFF
TuTh 9:30am-10:45am (TWS 0131)
0801 **(20763)** STAFF
TuTh 11:00am-12:15pm (SQH 1123)
0901 **(20764)** STAFF
TuTh 11:00am-12:15pm (HBK 1108)
1001 **(20765)** STAFF
TuTh 12:30pm-1:45pm (SQH 2119)
1101 **(20766)** STAFF
TuTh 12:30pm-1:45pm (KEY 0120)
1201 **(20767)** STAFF
TuTh 2:00pm-3:15pm (KEY 0123)
1501 **(20768)** STAFF
TuTh 8:00am-9:15am (SQH 1105)
1601 **(20769)** STAFF
Tu 6:00pm-8:40pm (SQH 2120)
1602 **(20770)** STAFF
W 6:00pm-8:40pm (SQH 1111)

ENGL395 Writing for Health Professions; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(20780)** STAFF
MWF 10:00am-10:50am (KEY 0120)
0201 **(20781)** STAFF
TuTh 9:30am-10:45am (SQH 2119)
0203 **(20782)** STAFF
TuTh 9:30am-10:45am (TWS 0147)
0301 **(20783)** STAFF
TuTh 11:00am-12:15pm (SQH 2119)
0401 **(20784)** STAFF
MWF 11:00am-11:50am (SQH 1103)
0501 **(20785)** STAFF
TuTh 11:00am-12:15pm (CHE 2120)
0601 **(20786)** STAFF
MWF 1:00pm-1:50pm (SQH 2121)

ENGL396 *(PermReq)* **Intermediate Fiction Workshop; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(20797)** Isaacs, N.
TuTh 2:00pm-3:15pm (SQH 1123)

ENGL397 *(PermReq)* **Intermediate Poetry Workshop; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(20807)** Collier, M.
TuTh 2:00pm-3:15pm (SQH 2119)

ENGL399 *(PermReq)* **Senior Seminar; (3)** REG/P-F/AUD.
0101 **(20817)** Wang, O.
MW 2:00pm-3:15pm (SQH 1111)
0201 **(20818)** Loizeaux, E.
TuTh 12:30pm-1:45pm (SQH 4116)
0301 **(20819)** Wyatt, D.
MW 1:00pm-2:15pm (SQH 3109)
0401 **(20820)** Leonardi, S.
TuTh 2:00pm-3:15pm (SQH 3105)
0501 **(20821)** Hamilton, G.
TuTh 11:00am-12:15pm (SQH 1111)
0801 **(20822)** King, N.
TuTh 9:30am-10:45am (SQH 3109)

ENGL399X Senior Seminar: Honors Seminar: Poetry of Landscape; (3) REG/P-F/AUD.
0101 **(20832)** Plumly, S.
MW 2:00pm-3:15pm (SQH 3105)

ENGL399Y *(PermReq)* **Senior Seminar: Honors Seminar: 19th Century African American Writers and the Public Sphere; (3)** REG/P-F/AUD. For English honors students.
0101 **(20842)** Logan, S.
TuTh 2:00pm-3:15pm (SQH 4116)

ENGL403 Shakespeare: The Early Works; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(20852)** Barry, J.
MWF 1:00pm-1:50pm (SQH 1103)

ENGL404 Shakespeare: The Later Works; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(20862)** Olmert, M.
TuTh 11:00am-12:15pm (SQH 1121)
0102 **(20863)** Hamilton, D.
MWF 10:00am-10:50am (WDS 0104)

ENGL414 Milton; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(20873)** Grossman, M.
MWF 1:00pm-1:50pm (JMZ 2206)

ENGL420 Literature of the Romantic Period I; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature of permission of department.*
0101 **(20874)** Howard, J.
MWF 11:00am-11:50am (KEY 0125)

ENGL423 Literature of the Victorian Period II; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(20883)** Cohen, W.
TuTh 11:00am-12:15pm (DNC 1147A)

ENGL429 *(PermReq)* **Independent Research in English; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENGL431 American Literature: 1810 to 1865, the American Renaissance; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(20969)** Ruppel, F.
MWF 10:00am-10:50am (SQH 2120)

ENGL432 American Literature: 1865 to 1914, Realism and Naturalism; (3) REG. *Prerequisite: two English courses in literature or permission of department.*
0101 **(20979)** Lindemann, M.
TuTh 12:30pm-1:45pm (SQH 1107)

ENGL433 American Literature: 1914 to the Present, the Modern Period; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(20980)** Van Egmond, P.
TuTh 9:30am-10:45am (SQH 1107)

ENGL434 American Drama; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(20989)** Robinson, J.
TuTh 11:00am-12:15pm (SQH 2117)

ENGL437 Contemporary American Literature; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(20999)** Wyatt, D.
MW 11:00am-12:15pm (JMZ 0105)

ENGL439A Major American Writers after 1865: Hemingway and Fitzgerald; (3) REG/P-F/AUD.
0101 **(21009)** Bryer, J.
TuTh 12:30pm-1:45pm (SQH 2117)

ENGL444 Feminist Critical Theory; (3) REG/P-F/AUD. *Prerequisite: ENGL 250 or WMST 200 or WMST 250. Also offered as WMST 444. Credit will be granted for only one of the following: ENGL 444 or WMST 444.*
0101 **(21029)** Chuh, K.
MWF 1:00pm-1:50pm (SQH 2122)

ENGL449 Playwriting: Screenplays; (3) REG/P-F/AUD.
0101 **(21039)** Lifton, M.
Tu 3:30pm-6:30pm (SQH 1111)
0201 **(21040)** Lifton, M.
Th 3:30pm-6:30pm (SQH 1111)

ENGL451 Jacobean and Caroline Drama; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21050)** Leinwand, T.
TuTh 2:00pm-3:15pm (SQH 1119)

ENGL453 Literary Criticism; (3) REG/P-F/AUD. *Prerequisite: two literature courses.*
0101 **(21060)** Wang, O.
MWF 11:00am-11:50am (SQH 1107)

ENGL454 Modern Drama; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21070)** Richardson, B.
MWF 3:00pm-3:50pm (DNC 1143)

ENGL457 The Modern Novel; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21090)** Kleine, D.
TuTh 12:30pm-1:45pm (SQH 1117)

ENGL466 Arthurian Legend; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21100)** Flieger, V.
TuTh 11:00am-12:15pm (SQH 1101)

ENGL468 American Film Directors; (3) REG/P-F/AUD.
0101 **(21110)** Kolker, R.
Tu 1:00pm-2:15pm (SQH 1121)
Th 1:00pm-3:30pm (SQH 1120) Dis

ENGL472 African-American Literature: 1945 to Present; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(21130)** McKnight, R.
TuTh 2:00pm-3:15pm (SQH 1103)

ENGL477 Studies in Mythmaking; (3) REG/P-F/AUD. *Prerequisite: two literature courses.*
0101 **(21140)** Flieger, V.
TuTh 2:00pm-3:15pm (KEY 0126)

ENGL479F Selected Topics in English and American Literature after 1800: Documentary Film: A History; (3) REG/P-F/AUD.
0101 **(21150)** Fuegi, J.
Tu 1:00pm-4:00pm (SQH 1120)

ENGL487 Foundations of Rhetoric; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ENGL 487 or SPCH 401.*
0101 **(21160)** Turner, M.
MW 2:00pm-3:15pm (SQH 1107)

ENGL488M Topics in Advanced Writing: Gay Liberation Rhetorics; (3) REG/P-F/AUD.
0101 **(21170)** Marcuse, M.
TuTh 9:30am-10:45am (SQH 2117)

ENGL488T Topics in Advanced Writing: Classic Prose; (3) REG/P-F/AUD.
0101 **(21180)** Turner, M.
MW 11:00am-12:15pm (DNC 1147A)

ENGL489A Special Topics in English Language: The Language of Advertising; (3) REG/P-F/AUD.
0101 **(21190)** Hendrickson, A.
TuTh 11:00am-12:15pm (SQH 1107)

ENGL489B Special Topics in English Language: Orality and Literacy; (3) REG/P-F/AUD.
0101 **(21200)** Hornyak, J.
TuTh 12:30pm-1:45pm (TLF 2101)

ENGL489L Special Topics in English Language: Language of the Law; (3) REG/P-F/AUD.
0101 **(21201)** Procopiow, N.
MWF 10:00am-10:50am (SQH 1103)

ENGL494 Editing and Document Design; (3) REG. *Prerequisite: ENGL 391, ENGL 393 or equivalent.*
0101 **(21220)** Hendrickson, A.
TuTh 9:30am-10:45am (SQH 1123)

ENGL498 *(PermReq)* **Advanced Fiction Workshop; (3)** REG/P-F/AUD. Prerequisite: ENGL 396 or permission of department.
0101 **(21230)** Kornblatt, J.
M 1:00pm-3:30pm (LEF 1222)
0201 **(21231)** Kornblatt, J.
Tu 2:00pm-4:30pm (SQH 2121)

ENGL499 *(PermReq)* **Advanced Poetry Workshop; (3)** REG/P-F/AUD. Prerequisite: ENGL 397 or permission of department.
0101 **(21241)** Levin, P.
Tu 2:00pm-4:30pm (SQH 3109)

ENGL602 Critical Theory and Literary Criticism; (3) REG/AUD.
0101 **(21251)** Ray, S.
M 3:30pm-6:00pm (SQH 1103)

ENGL622 Readings in Seventeenth-Century English Literature; (3) REG/AUD.
0101 **(21261)** Grossman, M.
W 6:30pm-9:00pm (SQH 1123)

ENGL623 Readings in Eighteenth-Century English Literature; (3) REG/AUD.
0101 **(21271)** McDowell, P.
M 6:30pm-9:00pm (SQH 1123)

ENGL626 Readings in American Literature before 1865; (3) REG/AUD.
0101 **(21281)** Levine, R.
Tu 6:30pm-9:00pm (SQH 1123)

ENGL627 Readings in American Literature, 1865-1914; (3) REG/AUD.
0101 **(21291)** Lindemann, M.
Th 6:30pm-9:00pm (SQH 1117)

ENGL628 Readings in African American Literature; (3) REG/AUD.
0101 **(21301)** Washington, M.
Th 3:30pm-6:00pm (SQH 1107)

ENGL630 Readings in 20th Century English Literature; (3) REG/AUD.
0101 **(21311)** STAFF
W 3:30pm-6:00pm (SQH 1107)

ENGL638 Readings in Film as Text and Cultural Form; (3) REG/AUD.
0101 **(21321)** Kolker, R.
W 12:45pm-3:15pm (SQH 4116)

ENGL688 *(PermReq)* **Poetry Workshop; (3)** REG/AUD.
0101 **(21331)** Levin, P.
W 4:00pm-6:30pm (SQH 2119)
0201 **(21332)** Plumly, S.
W 4:00pm-6:30pm (SQH 4116)

ENGL689 *(PermReq)* **Fiction Workshop; (3)** REG/AUD.
0101 **(21342)** Kornblatt, J.
W 4:00pm-6:30pm (SQH 2121)
0201 **(21343)** Norman, H.
W 4:00pm-6:30pm (SQH 1105)

ENGL699 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENGL718A *(PermReq)* **Seminar in Medieval Literature: Medieval Women: Reading and Writing; (3)** REG/AUD.
0101 **(21423)** Coletti, T.
Tu 6:30pm-9:00pm (SQH 1111)

ENGL719A *(PermReq)* **Seminar in Renaissance Literature: Shakespeare; (3)** REG/AUD.
0101 **(21433)** Leinwand, T.
W 3:30pm-6:00pm (SQH 1111)

ENGL738A *(PermReq)* **Seminar in Nineteenth-Century Literature: Romanticism and Revolution; (3)** REG/AUD. Course is team taught by Dr. Neil Fraistat and Dr. Susan Lanser.
0101 **(21443)** Fraistat, N.
Tu 6:30pm-9:00pm (SQH 1103)

ENGL739A *(PermReq)* **Seminar in Nineteenth-Century Literature: The Victorian Novel and Its Critics; (3)** REG/AUD.
0101 **(21453)** Cohen, W.
Th 3:30pm-6:00pm (SQH 2120)

ENGL748A *(PermReq)* **Seminar in American Literature: Asian Americanness and the Nation State; (3)** REG/AUD.
0101 **(21463)** Chuh, K.
W 6:30pm-9:00pm (SQH 2120)

ENGL748B *(PermReq)* **Seminar in American Literature: Dickinson and Whitman in Manuscript, Print and Digital Culture; (3)** REG/AUD.
0101 **(21473)** Smith, M.
Tu 3:30pm-6:00pm (SQH 1101)

ENGL759A *(PermReq)* **Seminar in Literature and the Other Arts: Women of Power; (3)** REG/AUD.
0101 **(21483)** Fuegi, J.
M 6:30pm-9:00pm (SQH 1101)

ENGL759B *(PermReq)* **Seminar in Literature and the Other Arts: Carribean Poetry and Performance; (3)** REG/AUD.
0101 **(21493)** Collins, M.
Th 6:30pm-9:00pm (SQH 2120)

ENGL768A *(PermReq)* **Studies in Drama: Ibsen to the Present; (3)** REG/AUD.
0101 **(21503)** Bryer, J.
W 6:30pm-9:15pm (SQH 2121)

ENGL769A *(PermReq)* **Studies in Fiction: Women, Nation, Novel; (3)** REG/AUD.
0101 **(21513)** Peterson, C.
Tu 3:30pm-6:00pm (SQH 2122)

ENGL775 *(PermReq)* **Seminar in Composition Theory; (3)** REG/AUD.
0101 **(21523)** Schilb, J.
M 6:30pm-9:00pm (SQH 2121)

ENGL778A *(PermReq)* **Seminar in Folklore: Folklore and Literature; (3)** REG/AUD.
0101 **(21533)** Pearson, B.
Th 3:30pm-6:00pm (SQH 1117)

ENGL788 *(PermReq)* **Form and Theory of Poetry; (3)** REG/AUD.
0101 **(21543)** Collier, M.
Th 3:30pm-6:00pm (SQH 4116)

ENGL789 *(PermReq)* **Form and Theory in Fiction; (3)** REG/AUD.
0101 **(21553)** McKnight, R.
Th 3:30pm-6:00pm (SQH 2121)

ENGL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENGL898 *(PermReq)* **Pedagogical Mentoring for Doctoral Students; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENGL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENMA Engineering, Materials (Engineering)

ENMA311 Materials Laboratory II: Electromagnetic Properties; (3) REG/P-F/AUD. *Prerequisites: ENMA 310 and ENMA 460; Junior standing.*
0101 **(21754)** Martinez-Miranda, L.
Time and room to be arranged
Time and room to be arranged Lab

ENMA363 *(PermReq)* **Microprocessing of Materials; (3)** REG/P-F/AUD. *Prerequisite: ENES 230.*
0101 **(21764)** Kidder, J.
MW 5:00pm-6:15pm (CHE 2145)

ENMA420 Intermediate Ceramics; (3) REG/P-F/AUD. *Prerequisites: ENES 230, ENMA 470, and ENMA 471 or permission of department.*
0101 **(21774)** Lloyd, I.
MW 3:30pm-4:45pm (CHE 2116)

ENMA461 Thermodynamics of Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 230. Junior standing.*
0101 **(21784)** Ankem, S.
TuTh 11:00am-12:15pm (CHE 2116)

ENMA464 *(PermReq)* **Environmental Effects on Engineering Materials; (3)** REG/P-F/AUD. *Prerequisite: ENES 230 or permission of both department and instructor.*
0101 **(21794)** Arsenault, R.
MW 9:30am-10:45am (CHE 2120)
F 3:30pm-4:45pm (CHE 2116) Dis

ENMA489 *(PermReq)* **Selected Topics in Engineering Materials; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENMA489A Selected Topics in Engineering Materials: Design of Composites; (3) REG/P-F/AUD.
0101 **(21805)** Ankem, S.
TuTh 3:30pm-4:45pm (CHE 2116)

ENMA489B *(PermReq)* **Selected Topics in Engineering Materials: Microprocessing of Materials; (3)** REG/P-F/AUD.
0101 **(21815)** Kidder, J.
MW 5:00pm-6:15pm (CHE 2116)

ENMA489C *(PermReq)* **Selected Topics in Engineering Materials: Introduction to Electronic Packaging Materials; (3)** REG.
0101 **(21825)** Al-Sheikhly, M.
TuTh 3:30pm-4:45pm (CHE 2120)

ENMA496 *(PermReq)* **Processing and Engineering of Polymers; (3)** REG/P-F/AUD. *Prerequisite: ENMA 495.*
0101 **(21835)** Kofinas, P.
TuTh 2:00pm-3:15pm (CHE 2140)

ENMA499 *(PermReq)* **Senior Laboratory Project; (1-3)** REG/P-F/AUD.
0101 **(21845)** Kofinas, P.
Time and room to be arranged

ENMA620 *(PermReq)* **Polymer Physics; (3)** REG/AUD. *Prerequisite: ENMA 470 and ENMA 471 or permission of instructor.*
0101 **(21855)** Briber, R.
MW 3:30pm-4:45pm (CHE 2120)

ENMA651 *(PermReq)* **Electronic Structure of Engineering Materials; (3)** REG/AUD. *Prerequisite: ENMA 650.*
0101 **(21865)** Salamanca-Riba, L.
TuTh 2:00pm-3:15pm (ITV 1111)

ENMA659S *(PermReq)* **Special Topics in Electronic Materials: Materials and Processes for Microelectronics; (3)** REG/AUD.
0101 **(21875)** Rubloff, G.
MW 5:00pm-6:15pm (JMP 1202)

ENMA660 *(PermReq)* **Thermodynamics in Materials Science; (3)** REG/AUD. *Prerequisite: permission of department. Corequisite: ENMA 650.*
0101 **(21885)** Roytburd, A.
TuTh 5:00pm-6:15pm (EGR 0110)

ENMA671 *(PermReq)* **Dislocations in Crystalline Materials; (3)** REG/AUD. *Prerequisite: ENMA 650.*
0101 **(21895)** Arsenault, R.
MW 5:00pm-6:15pm (CHE 2118)
F 5:00pm-6:15pm (CHE 2116) Dis

ENMA681 *(PermReq)* **Diffraction Techniques in Materials Science; (3)** REG/AUD. *Prerequisite: ENCH 620.*
0101 **(21905)** Salamanca-Riba, L.
TuTh 9:30am-10:45am (CHE 2116)

ENMA697 Seminar in Materials Science and Engineering; (1) REG/AUD. *Repeatable to 6 credits if content differs.*
0101 **(21915)** Christou, A.
F 1:00pm-1:50pm (CHE 2110)

ENMA698 *(PermReq)* **Special Problems in Materials Science and Engineering; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENMA698A Special Problems in Materials Science and Engineering: Seminar in Materials; (1) REG/AUD.
0101 **(21942)** Wuttig, M.
Tu 12:00pm-1:00pm (CHE 2140)

ENMA698C Special Problems in Materials Science and Engineering: Design of Composites; (1-3) REG/AUD.
0101 **(21952)** Ankem, S.
TuTh 3:30pm-4:45pm (CHE 2145)

ENMA698K Special Problems in Materials Science and Engineering: Polymer Synthesis; (3) REG/AUD.
0101 **(21962)** Kofinas, P.
TuTh 3:30pm-4:45pm (CHE 2140)

ENMA698Z *(PermReq)* **Special Problems in Materials Science and Engineering: Optoelectronic Components and Materials; (3)** REG/AUD.
0101 **(21972)** Dimoulas, A.
W 5:15pm-7:00pm (CHE 2110)
F 3:00pm-4:00pm (CHE 2110) Dis

ENMA799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENMA808 Advanced Topics in Engineering Materials: Heterointerface Materials; (3) REG/AUD.
0101 **(22000)** Roytburd, A.
MW 12:20pm-1:35pm (CHE 2118)

ENMA899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENME Engineering, Mechanical (Engineering)

ENME232 *(PermReq)* **Thermodynamics; (3)** REG/P-F/AUD. *Prerequisite: PHYS 262.*
0101 **(22074)** STAFF
MW 10:00am-10:50am (EGR 1202)
M 1:00pm-2:50pm (EGR 3106) Dis
0102 **(22075)** STAFF
MW 10:00am-10:50am (EGR 1202)
W 1:00pm-2:50pm (EGR 3106) Dis
0103 **(22076)** STAFF
MW 10:00am-10:50am (EGR 1202)
F 1:00pm-2:50pm (EGR 3106) Dis

ENME252 Electronics and Instrumentation I; (3) REG/P-F/AUD. *Corequisite: PHYS 263.*
0101 **(22086)** STAFF
MW 8:00am-8:50am (ARM 0112)
M 1:00pm-2:50pm (ARM 0119) Dis
0102 **(22087)** STAFF
MW 8:00am-8:50am (ARM 0112)
Tu 1:00pm-2:50pm (ARM 0105) Dis
0103 **(22088)** STAFF
MW 8:00am-8:50am (ARM 0112)
W 1:00pm-2:50pm (PLS 1184) Dis
0104 **(22089)** STAFF
MW 8:00am-8:50am (ARM 0112)
M 3:00pm-4:50pm (ARM 0118) Dis
0105 **(22090)** STAFF
MW 8:00am-8:50am (ARM 0112)
Tu 3:00pm-4:50pm (ARM 0105) Dis

ENME320 Thermodynamics; (3) REG/P-F/AUD. *Prerequisites: MATH 141; and PHYS 262.*
0101 **(22100)** STAFF
MWF 9:00am-9:50am (ARM 0112)
0201 **(22101)** STAFF
MWF 10:00am-10:50am (CHM 0122)

ENME331 *(PermReq)* **Fluid Mechanics; (3)** REG/P-F/AUD. *Prerequisites: ENME 232 and ENES 221.*
0101 **(22111)** STAFF
TuTh 9:00am-9:50am (EGR 1202)
Tu 1:00pm-2:50pm (EGR 1110) Dis
0102 **(22112)** STAFF
TuTh 9:00am-9:50am (EGR 1202)
W 1:00pm-2:50pm (EGR 1110) Dis
0103 **(22113)** STAFF
TuTh 9:00am-9:50am (EGR 1202)
Th 1:00pm-2:50pm (EGR 1110) Dis

ENME332 Transfer Processes; (3) REG/P-F/AUD. *Prerequisite: ENME 331.*
0101 **(22123)** STAFF
MW 10:00am-10:50am (EGR 2154)
F 1:00pm-2:50pm (JMP 3104) Dis
0201 **(22124)** STAFF
MW 11:00am-11:50am (EGR 1104)
F 11:00am-12:50pm (EGR 1104) Dis

ENME351 *(PermReq)* **Electronics and Instrumentation II; (3)** REG/P-F/AUD. *Prerequisites: ENME 252 and PHYS 263.*
0101 **(22134)** STAFF
TuTh 11:00am-11:50am (CHE 2108)
Th 1:00pm-2:50pm (ARM 0105) Lab
0102 **(22135)** STAFF
TuTh 11:00am-11:50am (CHE 2108)
F 1:00pm-2:50pm (EGR 2112) Lab
0103 **(22136)** STAFF
TuTh 11:00am-11:50am (CHE 2108)
W 3:00pm-4:50pm (ARM 0117) Lab
0104 **(22137)** STAFF
TuTh 11:00am-11:50am (CHE 2108)
Th 3:00pm-4:50pm (ARM 0117) Lab
0105 **(22138)** STAFF
TuTh 11:00am-11:50am (CHE 2108)
F 3:00pm-4:50pm (ARM 0117) Lab

ENME361 *(PermReq)* **Vibration, Controls and Optimization I; (3)** REG/P-F/AUD. *Prerequisites: ENES 221 and ENES 220 and MATH 246.*
0101 **(22148)** STAFF
TuTh 10:00am-10:50am (EGR 1202)
M 1:00pm-2:50pm (EGR 1106) Lab
0102 **(22149)** STAFF
TuTh 10:00am-10:50am (EGR 1202)
Tu 1:00pm-2:50pm (EGR 2112) Lab

ENME362 *(PermReq)* **Vibrations, Controls and Optimization II; (3)** REG/P-F/AUD. *Prerequisites: ENME 351 and ENME 361.*
0101 **(22160)** STAFF
MW 12:00pm-12:50pm (ARM 0117)
W 1:00pm-2:50pm (EGR 1106) Dis
0102 **(22161)** STAFF
MW 12:00pm-12:50pm (ARM 0117)
Th 1:00pm-2:50pm (EGR 1104) Dis

ENME371 *(PermReq)* **Product Engineering and Manufacturing; (3)** REG/P-F/AUD. *Prerequisite: ENES 221.*
0101 **(22172)** STAFF
MW 11:00am-11:50am (JMP 2202)
F 9:00am-10:50am (JMP 2202) Dis
0201 **(22173)** STAFF
MW 11:00am-11:50am (EGR 0110)
F 11:00am-12:50pm (JMP 2202) Dis

ENME382 *(PermReq)* **Engineering Materials and Manufacturing Processes; (3)** REG/P-F/AUD. *Prerequisite: ENES 220.*
0101 **(22183)** STAFF
MW 9:00am-9:50am (ARM 0110)
M 2:00pm-3:50pm (ARM 0117) Dis

ENME400 *(PermReq)* **Machine Design; (3)** REG/P-F/AUD. *Prerequisites: ENME 310; and ENME 360. Corequisite: ENME 401.*
0101 **(22203)** STAFF
TuTh 8:00am-9:15am (EGR 3108)

ENME408 *(PermReq)* **Selected Topics in Engineering Design; (3)** REG/P-F/AUD.
0101 **(22213)** STAFF
MW 3:30pm-4:45pm (EGR 1202)

ENME414 *(PermReq)* **Computer-Aided Design; (3)** REG/P-F/AUD. *Prerequisites: ENME 205; and MATH 241 or equivalent.* Design technical elective.
0101 **(22223)** STAFF
MWF 8:00am-8:50am (EGR 3108)

ENME471 *(PermReq)* **Integrated Product and Process Development I; (3)** REG/P-F/AUD. *Prerequisite: ENME 371.*
0101 **(22233)** STAFF
MW 1:00pm-1:50pm (EGR 1108)
F 1:00pm-2:50pm (EGR 1108) Lab
0201 **(22234)** STAFF
MW 1:00pm-1:50pm (EGR 2112)
F 1:00pm-2:50pm (EGR 0135) Lab

ENME472 *(PermReq)* **Integrated Product and Process Development II; (3)** REG/P-F/AUD. CORE: CS *Prerequisite: ENME 471.*
0101 **(22244)** STAFF
TuTh 11:00am-11:50am (EGR 1106)
Th 1:00pm-2:50pm (EGR 0108) Lab
0201 **(22245)** STAFF
TuTh 11:00am-11:50am (ARM 0110)
Th 1:00pm-2:50pm (ARM 0108) Lab

ENME473 *(PermReq)* **Mechanical Design of Electronic Systems; (3)** REG/P-F/AUD. *Prerequisites: ENME 310; and ENME 360; and ENME 321.*
0101 **(22247)** STAFF
TuTh 9:30am-10:45am (EGR 3108)

CORE Codes ... **CS** - Capstone **HL** - Humanities and the Arts, Literature **HA** - Humanities and the Arts, History or Theory of the Arts
HO - Humanities and the Arts, Humanities **PS** - Mathematics and the Sciences, Physical Sciences (Non-Lab)
PL - Mathematics and the Sciences, Physical Sciences (Lab)

ENME488 *(PermReq)* **Special Problems; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors.

ENME489 *(PermReq)* **Special Topics in Mechanical Engineering; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENME489L *(PermReq)* **Special Topics in Mechanical Engineering: Mechatronics; (3)** REG/P-F/AUD.
0101 **(22350)** STAFF
MWF 10:00am-10:50am (JMP 3104)

ENME489Q *(PermReq)* **Special Topics in Mechanical Engineering: Managing for Innovation and Quality; (3)** REG/P-F/AUD.
0101 **(22370)** Dieter, G.
TuTh 3:00pm-4:50pm (EGR 2112)

ENME489S Special Topics in Mechanical Engineering: Alternate Energy Sources; (3) REG/P-F/AUD.
0101 **(22380)** Ohadi, M.
TuTh 3:30pm-4:45pm (PHY 4220)

ENME606 Nonlinear Systems; (3) REG/AUD. *Prerequisite: ENME 605 or permission of instructor.*
0101 **(22390)** Walsh, G.
TuTh 3:30pm-4:45pm (JMP 3105)

ENME614 Advanced Production Control Techniques; (3) REG/AUD. *Prerequisite: ENME 411 or permission of instructor.*
0101 **(22400)** Herrmann, J.
TuTh 5:00pm-6:15pm (ITV 1111)

ENME620 Design for Manufacture; (3) REG/AUD. *Prerequisite: ENME 600 or permission of instructor.*
0101 **(22410)** Wang, Y.
MW 3:30pm-4:45pm (EGR 0104)

ENME625 Engineering Optimization II; (3) REG/AUD. *Prerequisite: ENME 610 or permission of instructor.*
0101 **(22420)** Azarm, S.
MW 5:00pm-6:15pm (EGR 2154)

ENME632 Advanced Convection Heat Transfer; (3) REG/AUD. *Prerequisites: {ENME 315; and ENME 321; and ENME 342; and ENME 343; and ENME 700 or equivalent} or permission of instructor.*
0101 **(22430)** Shih, T.
TuTh 5:00pm-6:15pm (EGR 0108)

ENME646 Computational Fluid Dynamics and Heat Transfer II; (3) REG/AUD. *Prerequisites: {ENME 632; and ENME 640; and ENME 700 or equivalent} or permission of instructor.*
0101 **(22441)** Piomelli, U.
MW 3:30pm-4:45pm (EGR 2154)

ENME647 Multiphase Flow and Heat Transfer; (3) REG/AUD. *Prerequisites: (ENME 321; and ENME 342 or equivalent) or permission of the instructor.*
0101 **(22450)** Kiger, K.
TuTh 3:30pm-4:45pm (EGR 1102)

ENME657 Analysis of Turbulent Flow; (3) REG/AUD. *Prerequisites: {ENME 640; and ENME 641 or equivalent} or permission of instructor.*
0101 **(22460)** Bernard, P.
MW 5:00pm-6:15pm (EGR 3114)

ENME665 Advanced Topics in Vibrations; (3) REG/AUD. *Prerequisite: ENME 662 or permission of instructor.*
0101 **(22470)** Baz, A.
MW 3:30pm-4:45pm (EGR 0108)

ENME680 Experimental Mechanics; (3) REG/AUD. *Prerequisite: undergraduate course in instrumentation or equivalent.*
0101 **(22480)** Bonenberger, R.
MW 5:00pm-6:15pm (EGR 1102)

ENME684 Modeling Material Behavior; (3) REG/AUD. *Prerequisite: ENME 670 or permission of instructor.*
0101 **(22490)** Zerilli, F.
TuTh 3:30pm-4:45pm (EGR 2154)

ENME799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENME808 *(PermReq)* **Advanced Topics in Mechanical Engineering; (3)** REG/AUD.
0101 **(22548)** STAFF
Time and room to be arranged

ENME808R Advanced Topics in Mechanical Engineering: Advanced Engineering Statistical Methods; (3) REG/AUD.
0101 **(22568)** Magrab, E.
MW 2:00pm-3:15pm (EGR 1108)

ENME808W Advanced Topics in Mechanical Engineering: Thermal Management in Electronic Packaging; (3) REG/AUD.
0101 **(22578)** Joshi, Y.
MW 5:00pm-6:15pm (ITV 1111)

ENME808X Advanced Topics in Mechanical Engineering: Accelerated Testing of Electronic Assemblies; (3) REG/AUD.
0101 **(22581)** Dasgupta, A.
TuTh 3:30pm-4:45pm (EGR 1106)

ENME899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENNU Engineering, Nuclear (Engineering)

ENNU215 *(PermReq)* **Introduction to Nuclear Technology; (3)** REG/P-F/AUD. *Prerequisites: MATH 141; and PHYS 161.* This course is taught in the spring semester only.
0101 **(22695)** Gavrilas, M.
TuTh 9:30am-10:45am (CHE 2145)

ENNU310 *(PermReq)* **Environmental Aspects of Nuclear Engineering; (3)** REG/P-F/AUD. *Prerequisites: {MATH 241 or MATH 246; and PHYS 263} or permission of both department and instructor.*
0101 **(22705)** Pertmer, G.
TuTh 9:30am-10:45am (CHE 2108)

ENNU320 *(PermReq)* **Nuclear Reactor Operation; (3)** REG/P-F/AUD. This course is taught in the spring semester only.
0101 **(22715)** Chappas, W.
MW 11:00am-11:50am (CHE 2136)
M 4:00pm-6:00pm (CHE 1308) Lab
0103 **(22716)** Chappas, W.
MW 11:00am-11:50am (CHE 2136)
Th 1:00pm-3:00pm (CHE 1308) Lab
0104 **(22717)** Chappas, W.
MW 11:00am-11:50am (CHE 2136)
W 1:00pm-3:00pm (CHE 1308) Lab
0105 **(22718)** Chappas, W.
MW 11:00am-11:50am (CHE 2136)
F 9:00am-11:00am (CHE 1308) Lab

ENNU455 *(PermReq)* **Nuclear Reactor Engineering II; (3)** REG/P-F/AUD. *Prerequisite: ENNU 450.* This course is taught in the spring semester only.
0101 **(22728)** Gavrilas, M.
TuTh 4:45pm-6:00pm (CHE 2145)

ENNU460 *(PermReq)* **Nuclear Heat Transport; (3)** REG/P-F/AUD. *Prerequisite: ENNU 450.* This course is taught in the spring semester only.
0101 **(22738)** Pertmer, G.
TuTh 2:00pm-3:15pm (CHE 2108)

ENNU465 *(PermReq)* **Nuclear Reactor Systems Analysis; (3)** REG/P-F/AUD. *Prerequisites: {MATH 246; and PHYS 263; and ENNU 455} or permission of both department and instructor.* This course is taught in the spring semester only.
0101 **(22748)** Pertmer, G.
MW 5:00pm-6:15pm (CHE 2140)

ENNU468 *(PermReq)* **Research; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENNU490 *(PermReq)* **Nuclear Fuel and Power Management; (3)** REG/P-F/AUD. *Prerequisites: {ENNU 460; and ENNU 480} or permission of both department and instructor.* This course is taught in the spring semester only.
0101 **(22770)** Almenas, K.
TuTh 11:00am-12:15pm (CHE 2136)

ENNU495 *(PermReq)* **Nuclear Engineering Systems Design; (3)** REG. *Prerequisites: ENNU 455 and ENNU 480 and Senior standing in nuclear engineering.*
0101 **(22780)** Almenas, K.
Time and room to be arranged

ENNU609 Seminar in Nuclear Engineering; (1) REG/AUD.
0101 **(22790)** Wuttig, M.
Tu 12:00pm-1:00pm (CHE 2140)

ENNU630 Nuclear Reactor Physics I; (3) REG/AUD. *Prerequisite: ENNU 450 or permission of both department and instructor.* This course is taught in the spring semester only.
0101 **(22800)** Wolf, L.
Tu 5:15pm-7:45pm (CHE 2120)

ENNU648 Special Problems in Nuclear Engineering; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENNU648I Special Problems in Nuclear Engineering: Severe Accident Phenomena; (3) REG/AUD.
0101 **(22822)** STAFF
M 5:30pm-8:00pm (CHE 2120)

ENNU648Z Special Problems in Nuclear Engineering: Materials, Reliability and Nuclear Engineering; (1) REG/AUD.
0101 **(22832)** Christou, A.
F 1:00pm-1:50pm (CHE 2110)

ENNU655 *(PermReq)* **Radiation Engineering; (3)** REG/AUD. *Prerequisite: permission of both department and instructor.*
0101 **(22842)** Al-Sheikhly, M.
W 6:30pm-9:30pm (CHE 2145)

ENNU761 Nuclear Fuel and Waste Processing; (3) REG/AUD.
0101 **(22852)** Robinson, R.
Time and room to be arranged

ENNU799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENNU840 Nuclear Reactor Design; (3) REG/AUD. *Prerequisite: ENNU 630 or permission of both department and instructor.*
0101 **(22874)** Wolf, L.
Th 5:15pm-7:45pm (CHE 2140)

ENNU899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENPM Engineering, Professional Masters (Engineering)

ENPM489A Special Topics in Engineering: Biotechnology Principles for Engineers; (3) REG/AUD.
0101 **(22945)** Ramirez Leon, D.
W 6:30pm-9:10pm (ITV 1111)

ENPM602 Data Networks; (3) REG/AUD. *Prerequisite: ENEE 324 or equivalent.*
0101 **(22957)** Shayman, M.
W 4:00pm-6:40pm (EGR 2107)

ENPM604 Wireless Communication Networks; (3) REG/AUD. *Prerequisites: ENEE 420 and ENEE 426.*
0101 **(22969)** Tassiulas, L.
M 7:00pm-9:40pm (ITV 1111)

ENPM609 Microprocessor-Based Design; (3) REG/AUD. *Prerequisites: undergraduate logic design, computer architecture, and programming courses.* This course is taught at Shady Grove.
0101 **(22979)** Hawkins, W.
M 6:30pm-9:10pm (Arranged)

ENPM621 Heat Pump and Refrigeration Systems Design Analysis; (3) REG/AUD. *Prerequisites: ENME 315 and ENME 321.*
0101 **(22991)** Didion, D.
Th 7:00pm-9:40pm (EGR 2103)

ENPM624 Renewable Energy Applications; (3) REG/AUD.
0101 **(23003)** Herold, K.
Tu 7:00pm-9:40pm (ITV 1111)

ENPM631 Hydrologic and Nonpoint Pollution Models; (3) REG/AUD. Taught at the Downtown Baltimore Center.
0101 **(23013)** Woo, R.
Th 5:30pm-8:10pm (Arranged)

ENPM633 The Chemistry of Natural Waters; (3) REG/AUD.
0101 **(23025)** Kim, M.
W 7:00pm-9:40pm (EGR 2107)

ENPM636 Unit Operations of Environmental Engineering; (3) REG/AUD. *Prerequisite: ENCE 315 or permission of department.*
0101 **(23037)** Ayres, D.
M 7:00pm-9:40pm (EGR 2107)

ENPM642 *(PermReq)* **System Modeling and Analysis; (3)** REG/AUD. *Prerequisites: ENPM 641 and permission of department.*
0101 **(23047)** Frankpitt, B.
M 7:00pm-9:40pm (EGR 1102)

ENPM644 *(PermReq)* **Human Factors in Systems Engineering; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(23062)** Baker, J.
Th 7:00pm-9:40pm (EGR 2107)

ENPM646 *(PermReq)* **Systems Life Cycle Cost Estimation; (3)** REG. *Prerequisites: ENPM 645 and permission of department.*
0101 **(23075)** Hines, V.
Tu 7:00pm-9:40pm (EGR 2107)

ENPM647 *(PermReq)* **Quality Management in Systems; (3)** REG/AUD. *Prerequisites: ENPM 645 and permission of department.*
0101 **(23085)** Zhang, G.
W 6:30pm-9:10pm (EGR 3102)

ENPM658 Helicopter Aerodynamics II; (3) REG/AUD. Prerequisite: ENPM 657.
0101 **(23097)** Leishman, J.
TuTh 2:00pm-3:15pm (EGR 1106)

ENPM808 *(PermReq)* **Advanced Topics in Engineering; (1-3)** REG/AUD.
0101 **(23107)** Cunniff, P.
Time and room to be arranged

ENPM808K Advanced Topics in Engineering: Linear Control Systems; (3) REG/AUD.
0101 **(23119)** Syrmos, G.
Th 7:00pm-9:40pm (ITV 1111)

ENPM808L Advanced Topics in Engineering: Continuous Processing of Energetic Materials; (3) REG/AUD.
0101 **(23129)** Bigio, D.
M 4:00pm-6:40pm (EGR 2107)

ENPM808M Advanced Topics in Engineering: Advanced Mechanics of Materials; (3) REG/AUD. Taught at the Southern Maryland Higher Education Center, St. Mary's County.
0101 **(23139)** Hoffman, P.
W 6:00pm-8:40pm (Arranged)

ENPM808X Advanced Topics in Engineering: Independent Study in Environmental Engineering I; (3) REG/AUD.
0101 **(23149)** Cunniff, P.
Time and room to be arranged

ENPM808Y *(PermReq)* **Advanced Topics in Engineering: Independent Study in Environmental Engineering II; (3)** REG/AUD.
0101 **(23159)** Cunniff, P.
Time and room to be arranged

ENRE Reliability Engineering (Engineering)

ENRE467 System Safety Engineering; (3) REG/AUD. *Prerequisites: MATH 246 and PHYS 263 or permission of department.* Course is offered in the spring semester only.
0101 **(23216)** Allocco, M.
Th 6:30pm-9:10pm (ITV 1100)

ENRE607 Reliability Engineering Seminar; (1) REG/AUD. For ENEE, ENME, ENNU, and ENRE majors only until the first day of classes.
0101 **(23231)** Roush, M.
Th 5:20pm-6:20pm (ITV 1100)

ENRE648 Special Problems in Reliability Engineering; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENRE648I Special Problems in Reliability Engineering: Seminar in Materials Reliability and Radiation Effects; (1) REG/AUD.
0101 **(23259)** Christou, A.
F 1:00pm-1:50pm (CHE 2110)

ENRE648J Special Problems in Reliability Engineering: Information Security; (3) REG/AUD.
0101 **(23269)** Katzke, S.
Tu 6:30pm-9:10pm (ITV 1100)

ENRE648M Special Problems in Reliability Engineering: Software Safety; (3) REG/AUD.
0101 **(23279)** Smidts, C.
M 6:30pm-9:10pm (ITV 1100)

ENRE648N Special Problems in Reliability Engineering: Packaging Materials; (3) REG/AUD.
0101 **(23289)** Al-Sheikhly, M.
TuTh 3:30pm-4:45pm (CLB 0102)

ENRE648T Special Problems in Reliability Engineering: Special Problems in reliability Engineering: Fundamentals of Failure Mechanisms; (1-6) REG/AUD.
0101 **(23299)** Bernstein, J.
TuTh 3:30pm-4:45pm (MMH 0108)

ENRE648V *(PermReq)* **Special Problems in Reliability Engineering: Advanced Topics in Risk Assessment; (3)** REG/AUD.
0101 **(23300)** Mosleh, A.
Time and room to be arranged

ENRE663 Advanced Reliability and Maintainability Engineering; (3) REG/AUD. *Prerequisite: ENRE 462.* For ENEE, ENME, ENNU, and ENRE majors only until the first day of classes. Course is offered in the spring semester only.
0101 **(23314)** Roush, M.
Tu 4:00pm-6:40pm (EGR 2107)

ENRE665 Advanced Methods in Reliability Modeling; (3) REG/AUD. For ENEE, ENME, ENNU, and ENRE majors only until the first day of classes. Course is offered in the spring semester only.
0101 **(23330)** Mosleh, A.
F 2:00pm-4:40pm (EGR 2103)

ENRE670 *(PermReq)* **Risk Assessment for Engineers; (3)** REG/AUD. *Prerequisite: ENRE 470.* Obtain permission from the instructor.
0101 **(23340)** Modarres, M.
Tu 5:00pm-7:40pm (MMH 2210)

ENRE674 *(PermReq)* **Failure Mechanisms and Effects Laboratory; (3)** REG/AUD. *Prerequisite: ENRE 600 or permission of instructor.*
0101 **(23353)** Bernstein, J.
Time and room to be arranged

ENRE734 Human Reliability Analysis; (3) REG/AUD. *Prerequisites: ENRE 470 and ENRE 462; or permission of department. Credit will be granted for only one of the following: ENRE 734 or ENSE 606.*
0101 **(23367)** Parry, G.
W 6:30pm-9:10pm (ITV 1100)

ENRE799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENRE899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENSE Systems Engineering (Engineering)

ENSE622 *(PermReq)* **System Modeling and Analysis; (3)** REG/AUD. *Prerequisite: ENSE 621 and permission of department. Credit will be granted for only one of the following: ENSE 622 or ENSE 602. Formerly ENSE 602.* Also offered as ENPM 642.
0101 **(23458)** Frankpitt, B.
M 7:00pm-9:40pm (EGR 1102)

ENSE624 *(PermReq)* **Human Factors in Systems Engineering; (3)** REG/AUD. *Prerequisite: permission of department. Credit will be granted for only one of the following: ENSE 624 or ENSE 606. Formerly ENSE 606.* Also offered as ENPM 644.
0101 **(23473)** Baker, J.
Th 7:00pm-9:40pm (EGR 2107)

ENSE626 *(PermReq)* **Systems Life Cycle Cost Estimation; (3)** REG. *Prerequisite: ENSE 625 and permission of department. Credit will be granted for only one of the following: ENSE 626 or ENSE 611. Formerly ENSE 611.* Also offered as ENPM 646.
0101 **(23486)** Hines, V.
Tu 7:00pm-9:40pm (EGR 2107)

ENSE627 *(PermReq)* **Quality Management in Systems; (3)** REG/AUD. *Prerequisite: ENSE 625 and permission of department. Credit will be granted for only one of the following: ENSE 627 or ENSE 601. Formerly ENSE 601.* Also offered as ENPM 647.
0101 **(23496)** Zhang, G.
W 6:30pm-9:10pm (EGR 3102)

ENSE799 *(PermReq)* **Systems Engineering Thesis; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENSP Environmental Science and Policy (Agriculture and Natural Resources)

ENSP102 Introduction to Environmental Policy; (3) REG/P-F/AUD. *Prerequisite: ENSP 101 or permission of instructor.*
0101 **(23567)** Conca, K.
MW 2:00pm-3:15pm (PLS 1140)
Th 2:00pm-2:50pm (PLS 1162) Dis
0102 **(23568)** Conca, K.
MW 2:00pm-3:15pm (PLS 1140)
F 9:00am-9:50am (PLS 1164) Dis
0103 **(23569)** Conca, K.
MW 2:00pm-3:15pm (PLS 1140)
F 11:00am-11:50am (PLS 1117) Dis

ENTM Entomology (Life Sciences)

ENTM100 Insects; (3) REG/P-F/AUD. CORE: LS
0101 **(23618)** Armstrong, E.
TuTh 2:00pm-3:15pm (PHY 1410)

ENTM205 Principles of Entomology; (4) REG/P-F/AUD. CORE: LL
0101 **(23628)** Mitter, C.
TuTh 9:30am-10:45am (PLS 1130)
Tu 11:00am-1:00pm (PLS 1161) Lab
0102 **(23629)** Mitter, C.
TuTh 9:30am-10:45am (PLS 1130)
Th 11:00am-1:00pm (PLS 1161) Lab

ENTM399 *(PermReq)* **Special Problems; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENTM472 Medical and Veterinary Entomology; (4) REG/P-F/AUD. *Prerequisite: ENTM 205 or permission of department.*
0101 **(23663)** Armstrong, E.
MWF 11:00am-11:50am (PLS 1158)
W 1:00pm-3:00pm (PLS 1161) Lab

ENTM499 Selected Topics in Entomology: Modern Parasitology; (4) REG/P-F/AUD. Prerequisites: ZOOL 211 or MICB 200; or permission of instructor. Credit will be granted for only one of the following: ZOOL 328A or ENTM 499. Acceptable toward Biological Sciences Specialization areas: PHNB (ancillary), BGEN, GENB (category B), CMBG, MICB, ENTM, and ZOOL.
0101 **(23664)** Sina, B.
TuTh 9:30am-10:45am (PLS 1162)
Th 1:00pm-4:00pm (PLS 1161) Lab

ENTM623 Insect Evolutionary Biology; (3) REG/AUD. *Prerequisite: ENTM 423 or permission of department.*
0101 **(23673)** Hawthorne, D.
TuTh 9:30am-10:45am (PLS 1115)

ENTM653 Toxicology of Insecticides; (3) REG/AUD.
0101 **(23683)** Nelson, J.
MWF 2:00pm-2:50pm (PLS 1158)

ENTM654 Advanced Pest Management; (3) REG/AUD. *Prerequisite: ENTM 454 or equivalent.*
0101 **(23693)** Lamp, W.
MW 3:00pm-3:50pm (PLS 1117)
F 3:00pm-5:00pm (PLS 1161) Lab

ENTM699 *(PermReq)* **Advanced Entomology; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENTM699A Advanced Entomology: Taxonomic Descriptions; (1-2) REG/AUD.
0101 **(23715)** Mitter, C.
Time and room to be arranged

ENTM789 Field Experience in Pest Management; (1-6) REG/AUD.
0101 **(23725)** Hellman, J.
Time and room to be arranged
0201 **(23726)** Dively, G.
Time and room to be arranged

ENTM798A Topic Seminar: Biosystematics and Morphology; (1) REG/AUD.
0101 **(23736)** Shultz, J.
Time and room to be arranged

ENTM798F Topic Seminar: Geromic Evolution and its Relation to Phylogenetic Inference; (1) REG/AUD.
0101 **(23746)** Regier, J.
Time and room to be arranged

ENTM798G Topic Seminar: Pest Management Seminar; (1) REG/AUD.
0101 **(23756)** Dively, G.
Time and room to be arranged

ENTM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTS Telecommunications (Engineering)

ENTS608 Telecommunications Seminar; (1) REG.
0101 **(23841)** STAFF
Time and room to be arranged

ENTS609 Telecommunications Project; (3) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTS621 Design and Analysis of Telecommunication Systems; (3) REG. *Prerequisite: ENTS 620 or permission of instructor.*
0101 **(23867)** Geraniotis, E.
Th 5:30pm-8:15pm (EGR 3106)

ENTS625 Management and Organizational Behavior in the Telecommunications Industry; (3) REG.
0101 **(23877)** Sims, H.
Tu 5:30pm-8:15pm (VMH 1303)

ENTS632 Telecommunications Marketing Management; (3) REG/AUD.
0101 **(23887)** STAFF
M 6:30pm-9:00pm (VMH 2203)

ENTS656 Introduction to Cellular Communication Networks; (3) REG. *Prerequisite: ENTS 621 or equivalent.*
0101 **(23907)** Etemad, K.
Tu 5:30pm-8:15pm (AVW 2328)

ENTS689A Special Topics: PCS System Implemenation; (3) REG/AUD.
0101 **(23908)** STAFF
W 5:30pm-8:15pm (JMP 2202)

ENTS689B Special Topics: Network Implementation in Operating System; (3) REG/AUD.
0101 **(23909)** Oveissi, M.
M 5:30pm-8:15pm (JMP 2202)

EMST Family Studies (Health and Human Performance)

FMST105 Individuals in Families; (3) REG/P-F/AUD. *Formerly FMCD 105.*
0101 **(23957)** Bernstein, J.
MWF 9:00am-9:50am (WDS 1114)

FMST290 Family Economics; (3) REG/P-F/AUD.
0101 **(23967)** Mokhtari, M.
TuTh 6:30pm-7:45pm (MMH 1400)

FMST298F Special Topics in Family Studies: The Future of Families; (3) REG/P-F/AUD.
0101 **(23977)** Letiecq, B.
TuTh 2:00pm-3:15pm (MMH 1400)

FMST302 Research Methods in Family Studies; (3) REG/P-F/AUD. *Prerequisite: introductory statistics course. For FMST majors only. Formerly FMCD 302.*
0101 **(23987)** Letiecq, B.
TuTh 11:00am-12:15pm (MMH 1400)

FMST330 Family Theories and Patterns; (3) REG/P-F/AUD. *Junior standing. Formerly FMCD 330.*
0101 **(23997)** Zeiger, R.
MWF 11:00am-11:50am (MMH 1304)
0201 **(23998)** Zeiger, R.
MWF 12:00pm-12:50pm (MMH 1304)
0301 **(23999)** Dargan, V.
TuTh 12:30pm-1:45pm (MMH 1304)

FMST332 Children in Families; (3) REG/P-F/AUD. *Prerequisite: FMST 105 or PSYC 100. Formerly FMCD 332.*
0101 **(24009)** Millstein, F.
TuTh 9:30am-10:45am (MMH 1304)
0201 **(24010)** Dargan, V.
TuTh 3:30pm-4:45pm (MMH 1304)
0301 **(24011)** Dargan, V.
TuTh 5:00pm-6:15pm (MMH 1400)

FMST381 Poverty, Affluence, and Families; (3) REG. DIVERSITY *Prerequisite: SOCY 100 or SOCY 105. Formerly FMCD 381.*
0101 **(24021)** STAFF
MWF 9:00am-9:50am (PLS 1140)
0201 **(24022)** STAFF
MWF 10:00am-10:50am (PLS 1140)

FMST383 Delivery of Human Services to Families; (3) REG/P-F/AUD. *Prerequisite: FMST 330. Formerly FMCD 383.*
0101 **(24032)** Wallen, J.
MWF 10:00am-10:50am (HBK 0109)
0201 **(24033)** Brewster, F.
TuTh 9:30am-10:45am (MMH 0108)

FMST399 *(PermReq)* **Independent Study; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST399M *(PermReq)* **Independent Study: Mock Trial; (1-6)** REG/P-F/AUD.
0101 **(24057)** Myricks, N.
W 6:00pm-8:45pm (MMH 1402)

FMST432 Intergenerational Aspects of Family Living; (3) REG/P-F/AUD. *Prerequisites: PSYC 100; and SOCY 100; and FMST 332 [or other human development course]. Formerly FMCD 432.*
0101 **(24067)** Rubin, R.
TuTh 12:30pm-1:45pm (MMH 0108)
0201 **(24068)** STAFF
TuTh 6:30pm-7:45pm (MMH 1304)

FMST460 Violence in Families; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or SOCY 100 or SOCY 105. Formerly FMCD 460.*
0101 **(24078)** Hampton, R.
W 6:30pm-9:15pm (PLS 1117)

FMST477 *(PermReq)* **Internship and Analysis in Family Studies; (3)** REG. *Prerequisites: FMST 383, plus an additional six FMST credits and permission of department. For FMST majors only. Credit will be granted for only one of the following: FMST 47" or FMST 34". Formerly FMST 34".* Deadlines for applying, see Guide in MMH 1216.
0101 **(24088)** Millstein, F.
W 3:00pm-4:30pm (MMH 1108A)
Time and room to be arranged Dis
0201 **(24089)** STAFF
W 3:00pm-4:30pm (MMH 1402)
Time and room to be arranged Dis
0301 **(24090)** STAFF
W 3:00pm-4:30pm (MMH 0108)
Time and room to be arranged Dis
0401 **(24091)** STAFF
W 3:00pm-4:30pm (MMH 1312)
Time and room to be arranged Dis
0501 **(24092)** STAFF
W 3:00pm-4:30pm (MMH 3418)
Time and room to be arranged Dis

FMST480 Work and Family Issues and Programs; (3) REG/P-F/AUD. *Formerly FMCD 480.*
0101 **(24102)** Wallen, J.
MWF 11:00am-11:50am (HBK 0109)

FMST485 Introduction to Family Therapy; (3) REG. *Prerequisites: FMST 330 or FMST 37"0; or one psychology course at 300 or above level. Formerly FMCD 485.*
0101 **(24112)** Werlinich, C.
M 12:00pm-2:45pm (MMH 1402)

FMST487 Legal Aspects of Family Problems; (3) REG/P-F/AUD. *Formerly FMCD 48".*
0101 **(24122)** Myricks, N.
TuTh 3:30pm-4:45pm (MMH 1400)

FMST498 *(PermReq)* **Special Topics: Family Studies; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

FMST498J Special Topics: News Coverage of Children and Family Issues; (3) REG/P-F/AUD.
0101 **(51735)** STAFF
Tu 9:00am-12:00pm (TWS 2228)

FMST498M Special Topics: Family Mediation; (3) REG/P-F/AUD.
0101 **(24146)** Myricks, N.
M 3:00pm-5:45pm (MMH 1400)

FMST498V *(PermReq)* **Special Topics: Community Violence Research; (1-3)** REG/P-F.
0101 **(24156)** Randolph, S.
M 1:00pm-2:45pm (MMH 1108A)

FMST604 Organization, Methods, and Principles in Family Studies; (3) REG/AUD. *Formerly FMCD 604.*
0101 **(24166)** Gaylin, N.
Th 1:00pm-3:45pm (MMH 1108A)

FMST610 *(PermReq)* **Research Methods in Family Studies; (3)** REG/AUD. *Prerequisite: EDMS 645 or equivalent. Recommended: FMST 604. Formerly FMCD 610.*
0101 **(24176)** Mokhtari, M.
Tu 2:00pm-4:45pm (MMH 1108A)

FMST641 *(PermReq)* **Couples Therapy, Theory, and Techniques; (3)** REG/AUD. *Prerequisite: FMST 640. Formerly FMCD 641.*
0101 **(24186)** Epstein, N.
Th 9:00am-11:45am (MMH 1108A)

FMST647 Theory and Techniques of Family Mediation; (3) REG/AUD. *Formerly FMCD 64".*
0101 **(51789)** Myricks, N.
M 3:00pm-5:45pm (MMH 1400)

FMST651 *(PermReq)* **Clinical Methods and Consultation in Marriage and Family Therapy; (3)** REG/AUD. *Prerequisite: FMST 650. Limited to students admitted to the family therapy program. Formerly FMCD 651.*
0101 **(24196)** Epstein, N.
Tu 9:00am-11:45am (MMH 1402)
Time and room to be arranged Lab

FMST653 *(PermReq)* **Advanced Assessment, Diagnosis, and Treatment in Marriage and Family Therapy; (3)** REG/AUD. *Prerequisite: FMST 652. Limited to students admitted to the family therapy program. Formerly FMCD 653.*
0101 **(24206)** Gaylin, N.
Tu 9:00am-11:45am (MMH 1108A)
Time and room to be arranged Lab

FMST658 *(PermReq)* **Supervised Clinical Practice of Marriage and Family Therapy: Theory and Practice of Clinical Supervision; (1-3)** S-F.
0201 **(24216)** Werlinich, C.
W 9:00am-12:00pm (MMH 2302)
0301 **(24217)** Brewster, F.
W 9:00am-12:00pm (MMH 2301D)
0401 **(24218)** Epstein, N.
W 9:00am-12:00pm (MMH 2306)
0501 **(24219)** Gaylin, N.
W 9:00am-12:00pm (MMH 2304)
1801 **(24220)** Millstein, F.
W 9:00am-12:00pm (MMH 2308)

FMST698 *(PermReq)* **Advanced Topics in Family Studies; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson.

FMST698E Advanced Topics in Family Studies: Ethnic Families; (3) REG/AUD.
0101 **(24244)** Randolph, S.
M 4:00pm-6:45pm (MMH 1108A)

FMST698J Advanced Topics in Family Studies: News Coverage of Children and Family Issues; (3) REG/AUD.
0101 **(51736)** STAFF
Tu 9:00am-12:00pm (TWS 2228)

FMST699 *(PermReq)* **Independent Study; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST789 *(PermReq)* **Non-Thesis Research; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson.

FOLA Foreign Language (Arts and Humanities)

FOLA109G Elementary Foreign Languages II: Modern Greek; (3) REG/P-F/AUD.
0101 **(24355)** Pittas-Herschbach, M.
MWF 12:00pm-12:50pm (JMZ 0122)

FOLA119G Intermediate Foreign Language II: Intermediate Modern Greek; (3) REG/P-F/AUD.
0101 **(24365)** Pittas-Herschbach, M.
MWF 2:00pm-2:50pm (JMZ 1103)

SELF-INSTRUCTIONAL LANGUAGE PROGRAM. The program is essentially self- instructional. The student supplies a blank tape and in return receives a recorded tape with the week's lessons. There is also a manual designed for self-instruction which the student is required to purchase. A native-speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 1105. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside JMZ 1105.

FOLA138A *(PermReq)* **Directed Study of a Foreign Language I: Hungarian I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24375)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138D *(PermReq)* **Directed Study of a Foreign Language I: Dutch I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24385)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138E *(PermReq)* **Directed Study of a Foreign Language I: Elementary Tagalog I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24395)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138F *(PermReq)* **Directed Study of a Foreign Language I: Polish I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24405)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138K *(PermReq)* **Directed Study of a Foreign Language I: Persian I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24415)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138P *(PermReq)* **Directed Study of a Foreign Language I: Hindi I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24425)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138R *(PermReq)* **Directed Study of a Foreign Language I: Turkish I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24435)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138S *(PermReq)* **Directed Study of a Foreign Language I: Egyptian Arabic I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24445)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138T *(PermReq)* **Directed Study of a Foreign Language I: Vietnamese I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24455)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138V *(PermReq)* **Directed Study of a Foreign Language I: Armenian I; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24465)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139A *(PermReq)* **Directed Study of a Foreign Language II: Hungarian II; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24475)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139D *(PermReq)* **Directed Study of a Foreign Language II: Dutch II; (3)** REG/P-F/AUD. Prerequisite: FOLA 138D or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24485)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139E *(PermReq)* **Directed Study of a Foreign Language II: Tagalog II; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24495)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139F *(PermReq)* **Directed Study of a Foreign Language II: Polish II; (3)** REG/P-F/AUD. Prerequisite: FOLA 138F or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24505)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139K *(PermReq)* **Directed Study of a Foreign Language II: Persian II; (3)** REG/P-F/AUD. Prerequisite: FOLA 138K or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24515)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139P *(PermReq)* **Directed Study of a Foreign Language II: Hindi II; (3)** REG/P-F/AUD. Prerequisite: FOLA 138P or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24525)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139R *(PermReq)* **Directed Study of a Foreign Language II: Turkish II; (3)** REG/P-F/AUD. Prerequisite: FOLA 138R or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24535)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139S *(PermReq)* **Directed Study of a Foreign Language II: Egyptian Arabic II; (3)** REG/P-F/AUD. Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24545)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139T *(PermReq)* **Directed Study of a Foreign Language II: Elementary Vietnamese II; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24555)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139V *(PermReq)* **Directed Study of a Foreign Language II: Armenian II; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24565)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148A *(PermReq)* **Directed Study of a Foreign Language III: Hungarian III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139A or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24575)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148D *(PermReq)* **Directed Study of a Foreign Language III: Dutch III; (3)** REG/P-F/AUD. Prerequisite: FOLA 138D or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24585)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148E *(PermReq)* **Directed Study of a Foreign Language III: Tagalog III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139E or permission of the program coordinator. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted in JMZ 1105. Read note above describing Self-Instructional program.
0101 **(24595)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148F *(PermReq)* **Directed Study of a Foreign Language III: Polish III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139F or permission of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24605)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148K *(PermReq)* **Directed Study of a Foreign Language III: Persian III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139K or permission of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24615)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148P *(PermReq)* **Directed Study of a Foreign Language III: Hindi III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139P or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24625)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148S *(PermReq)* **Directed Study of a Foreign Language III: Egyptian Arabic III; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24635)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148T *(PermReq)* **Directed Study of a Foreign Language III: Vietnamese III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139T or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24645)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149A *(PermReq)* **Directed Study of a Foreign Language IV: Hungarian IV - Intermediate; (3)** REG/P-F/AUD. Prerequisite: FOLA 148A or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24655)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149D *(PermReq)* **Directed Study of a Foreign Language IV: Dutch IV - Intermediate; (3)** REG/P-F/AUD. Prerequisite: FOLA 148D or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24665)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149E *(PermReq)* **Directed Study of a Foreign Language IV: Intermediate Tagalog; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside of JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24675)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149F *(PermReq)* **Directed Study of a Foreign Language IV: Polish IV - Intermediate; (3)** REG/P-F/AUD. Prerequisite: FOLA 148F or consent of program director. All students planning to take this course must complete application (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24685)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149K *(PermReq)* **Directed Study of a Foreign Language IV: Persian IV - Intermediate; (3)** REG/P-F/AUD. Prerequisite: FOLA 148K or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24695)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149P *(PermReq)* **Directed Study of a Foreign Language IV: Hindi IV - Intermediate; (3)** REG/P-F/AUD. Prerequisite: FOLA 148P or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24705)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149R *(PermReq)* **Directed Study of a Foreign Language IV: Turkish IV - Intermediate; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self- Instructional Program.
0101 **(24715)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149S *(PermReq)* **Directed Study of a Foreign Language IV: Egyptian Arabic IV Intermediate; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24725)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149T *(PermReq)* **Directed Study of a Foreign Language IV: Vietnamese IV (Intermediate); (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24735)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158A *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Hungarian; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24745)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158D *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Dutch; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24755)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158E *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Tagalog; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24765)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158F *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Polish; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24775)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158K *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Persian; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24785)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158P *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Hindi; (6)** REG/P-F/AUD. Students may register for FOLA 158P or 158X, not both. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24795)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158R *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Turkish; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24805)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158S *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Egyptian Arabic; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (avilable in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24815)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158T *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Vietnamese (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24825)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158X *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Urdu; (6)** REG/P-F/AUD. Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24835)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159D *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate (Intensive) Dutch; (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24845)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159F *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Polish; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24855)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159K *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Persian; (6)** REG/P-F/AUD. Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24865)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159P *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24875)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159R *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Turkish; (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24885)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159S *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Egyptian Arabic; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24895)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159T *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Intensive Vietnamese; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24905)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159X *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; (6)** REG/P-F/AUD. Prerequisite: FOLA 158X or FOLA 158P or consent of program director. All students planning to take this course must complete an application (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24915)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F.
Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.
0101 **(24925)** Yaramanoglu, N.
Time and room to be arranged

FREN French
(Arts and Humanities)

Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building.

FREN101 Elementary French; (4) REG/P-F/AUD. *Not open to students with 2 or more years of high-school level French.* Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule.
0101 **(24975)** STAFF
MTuWF 11:00am-11:50am (JMZ 2117)
0201 **(24976)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 2117)
0301 **(24977)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 2117)

FREN102 Elementary French; (4) REG/P-F/AUD. *Prerequisite: FREN 101 at UMCP or permission of department.*
0101 **(24987)** STAFF
MWThF 10:00am-10:50am (JMZ 1122)
0201 **(24988)** STAFF
MWThF 11:00am-11:50am (JMZ 2123)
0301 **(24989)** STAFF
TuTh 11:00am-12:50pm (JMZ 1122)

FREN103 Review of Elementary French; (4) REG/P-F/AUD.
Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101/ FREN 102 or FREN 103.
0101 **(24999)** STAFF
MTuWF 11:00am-11:50am (JMZ 2120)
0201 **(25000)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 2120)
0301 **(25001)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 2120)

FREN203 Intermediate French; (4) REG/P-F/AUD. CORE: HO
Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule.
0101 **(25011)** STAFF
MTuWF 10:00am-10:50am (JMZ 1226)
0201 **(25012)** STAFF
MTuWF 11:00am-11:50am (JMZ 2125)
0301 **(25013)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 1224)
0501 **(25014)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 1224)
0601 **(25015)** STAFF
TuTh 9:00am-10:50am (JMZ 0120)

FREN203H Intermediate French; (4) REG/P-F/AUD. CORE: HO For general honors students only or by permission of department.
0101 **(25025)** Jacoby, B.
TuTh 12:30pm-2:20pm (JMZ 0122)

FREN204 Review Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: FREN 203 or permission of department.*
0101 **(25035)** Campangne, H.
MWF 10:00am-10:50am (JMZ 1215)
0201 **(25036)** STAFF
TuTh 9:30am-10:45am (JMZ 0122)
0301 **(25037)** Bondurant, D.
MWF 11:00am-11:50am (JMZ 2206)

FREN242 Black Writers of French Expression in Translation; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(25047)** Frindethie, M.
TuTh 11:00am-12:15pm (JMZ 3118)

FREN250 Readings in French; (3) REG/P-F/AUD. CORE: HL
Prerequisite: FREN 203 or equivalent. Not open to native speakers.
0101 **(25057)** STAFF
MWF 11:00am-11:50am (JMZ 1122)
0201 **(25058)** STAFF
TuTh 11:00am-12:15pm (JMZ 0122)

FREN250H Readings in French; (3) REG/P-F/AUD. CORE: HL
Prerequisite: FREN 203 or equivalent. Not open to native speakers.
For general honors students only.
0101 **(25068)** STAFF
MWF 11:00am-11:50am (JMZ 1122)
0201 **(25069)** STAFF
TuTh 11:00am-12:15pm (JMZ 0122)

FREN301 Composition and Style; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or permission of department.*
0101 **(25081)** Frindethie, M.
TuTh 9:30am-10:45am (JMZ 3120)
0201 **(25082)** STAFF
MWF 12:00pm-12:50pm (JMZ 3120)

FREN303 Practicum in Translation II; (3) REG/P-F/AUD.
Prerequisite: FREN 301 or permission of department.
0101 **(25092)** STAFF
MWF 1:00pm-1:50pm (JMZ 3120)

FREN311 French Conversation; (3) REG/P-F/AUD. *Prerequisite: any 200-level course in French above FREN 203 or permission of department. Not open to native speakers.*
0101 **(25103)** STAFF
MWF 11:00am-11:50am (JMZ 1215)
0201 **(25104)** STAFF
TuTh 11:00am-12:15pm (JMZ 1215)
0301 **(25105)** STAFF
MWF 12:00pm-12:50pm (JMZ 1122)

FREN312 Introduction to French Culture: The French Press; (3) REG/P-F/AUD. *Prerequisite: any 200-level course in French above FREN 203 or permission of department. Not open to native speakers.*
0101 **(25117)** STAFF
MWF 10:00am-10:50am (JMZ 0122)

FREN351 French Literature From the Revolution to the Present; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.*
0101 **(25127)** Fink, B.
MWF 1:00pm-1:50pm (JMZ 3118)

FREN351H French Literature From the Revolution to the Present; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.* For general honors students only.
0101 **(25137)** Fink, B.
MWF 1:00pm-1:50pm (JMZ 3118)

FREN352 French Literature From the Middle Ages to the Revolution; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.*
0101 **(25147)** Campangne, H.
MWF 11:00am-11:50am (JMZ 3120)

FREN352H French Literature From the Middle Ages to the Revolution; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.* For general honors students only.
0101 **(25157)** Campangne, H.
MWF 11:00am-11:50am (JMZ 3120)

FREN386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

FREN398 *(PermReq)* **Practicum in Spoken French; (1)** S-F.
Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chair.

FREN399 *(PermReq)* **Directed Study in French; (1)** S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with permission of instructor. Contact department for details.

FREN405 Explication De Texte; (3) REG/P-F/AUD.
0101 **(25216)** Hage, M.
MWF 10:00am-10:50am (JMZ 3120)

FREN406 Commercial French II; (3) REG/P-F/AUD. *Prerequisite: FREN 306 or permission of department.*
0101 **(25226)** Hinshaw, J.
TuTh 2:00pm-3:15pm (JMZ 2123)

FREN478 Themes and Movements of French Literature in Translation: Gay Issues in European Literature; (3) REG/P-F/AUD.
0101 **(25236)** MacBain, W.
TuTh 11:00am-12:15pm (JMZ 3120)

FREN489 Pro-Seminar in Themes or Movements of French Literature: The French and Francophone Short Story (In French); (3) REG/P-F/AUD.
0101 **(25246)** Hage, M.
MWF 2:00pm-2:50pm (JMZ 3120)

FREN495H *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Open only to students admitted to the departmental honors program.*

FREN499 *(PermReq)* **Special Topics in French Studies; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN619 Special Topic in Medieval French Literature: The Medieval Lyric (In English); (3) REG/AUD.
0101 **(25288)** MacBain, W.
Tu 2:00pm-4:30pm (JMZ 2125)

FREN679 The History of Ideas in France: Utopia and Science Fiction; (3) REG/AUD.
0101 **(25298)** Fink, B.
W 4:00pm-6:30pm (JMZ 3120)

FREN699E Seminar: Explication De Texte; (3) REG/AUD.
0101 **(25308)** Hage, M.
MWF 10:00am-10:50am (JMZ 3120)

FREN709 *(PermReq)* **College Teaching of French; (1)** S-F.
0101 **(25318)** Lavine, R.
M 2:00pm-4:00pm (JMZ 2102)

FREN798 *(PermReq)* **Master's Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

FREN818 French Literary Criticism; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN898 *(PermReq)* **Doctoral Independent Study; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEMS Gemstone
(Engineering)

GEMS101 Technological Innovation: An Historical Perpsective; (3) REG. *For Gemstone participants only. Recommended: ENES 100G.* Students may count GEMS 101 as either a CORE Social or Political History course {SH} OR a CORE Physical Sciences—Non-Lab course {PS}, but NOT both. Students may contact the Gemstone program for further information.
0101 **(25457)** Anderson, J.
TuTh 11:00am-12:15pm (ZOP 1250)
M 10:00am-10:50am (EGR 2112) Dis
0102 **(25458)** Anderson, J.
TuTh 11:00am-12:15pm (ZOP 1250)
M 12:00pm-12:50pm (EGR 0108) Dis
0103 **(25459)** Anderson, J.
TuTh 11:00am-12:15pm (ZOP 1250)
Th 2:00pm-2:50pm (JMZ 2206) Dis
0104 **(25460)** Anderson, J.
TuTh 11:00am-12:15pm (ZOP 1250)
Th 3:00pm-3:50pm (EGR 3114) Dis
0201 **(25461)** Hendler, J.
TuTh 2:00pm-3:15pm (LEF 2205)
M 2:00pm-2:50pm (EGR 3114) Dis
0202 **(25462)** Hendler, J.
TuTh 2:00pm-3:15pm (LEF 2205)
Th 10:00am-10:50am (EGR 3114) Dis
0203 **(25463)** Hendler, J.
TuTh 2:00pm-3:15pm (LEF 2205)
F 11:00am-11:50am (EGR 3114) Dis
0204 **(25464)** Hendler, J.
TuTh 2:00pm-3:15pm (LEF 2205)
F 2:00pm-2:50pm (EGR 3114) Dis

GEOG Geography
(Behavioral and Social Sciences)

GEOG110 The World Today: A Regional Geography; (3) REG/P-F/AUD.
0101 **(25514)** Eney, A.
MWF 9:00am-9:50am (CSS 2416)

GEOG123 Causes and Implications of Global Change; (3) REG/P-F/AUD. CORE: PS *Also offered as GEOL 123, METO 123, and PBIO 123. Credit will be granted for only one of the following: GEOG 123, GEOL 123, METO 123, or PBIO 123.*
0101 **(25524)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 9:00am-9:50am (EGR 0108) Dis
0102 **(25525)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 10:00am-10:50am (EGR 2112) Dis
0103 **(25526)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 11:00am-11:50am (EGR 3102) Dis
0104 **(25527)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 12:00pm-12:50pm (EGR 0104) Dis
0105 **(25528)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 1:00pm-1:50pm (EGR 0104) Dis
0106 **(25529)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 9:00am-9:50am (JMZ 0125) Dis
0107 **(25530)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 10:00am-10:50am (JMZ 0125) Dis
0108 **(25531)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 11:00am-11:50am (JMZ 1224) Dis
0109 **(25532)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 12:00pm-12:50pm (JMZ 0103) Dis
0110 **(25533)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 1:00pm-1:50pm (JMZ 0103) Dis

GEOG130 Developing Countries; (3) REG/P-F/AUD. CORE: SB DIVERSITY
0101 **(25543)** Geores, M.
MW 11:00am-11:50am (CSS 2324)
Th 9:30am-10:20am (CHE 2136) Dis
0102 **(25544)** Geores, M.
MW 11:00am-11:50am (CSS 2324)
Th 11:00am-11:50am (CHM 0128) Dis
0103 **(25545)** Geores, M.
MW 11:00am-11:50am (CSS 2324)
Th 12:30pm-1:20pm (CHE 2136) Dis
0104 **(25546)** Geores, M.
MW 11:00am-11:50am (CSS 2324)
F 9:00am-9:50am (CSS 2428) Dis
0105 **(25547)** Geores, M.
MW 11:00am-11:50am (CSS 2324)
F 11:00am-11:50am (CSS 1113) Dis
0106 **(25548)** Geores, M.
MW 11:00am-11:50am (CSS 2324)
F 1:00pm-1:50pm (CSS 2330) Dis

GEOG170 Maps and Map Use; (3) REG/P-F/AUD. CORE: MS USP Area B Distributive Studies Non-lab Science and Mathematics Course. If taken with GEOG 171, course may be counted as USP Area B Lab Science Course.
0101 **(25558)** Byrand, K.
MW 1:00pm-1:50pm (CSS 2324)
Th 9:30am-10:20am (CLB 0104) Dis
0102 **(25559)** Byrand, K.
MW 1:00pm-1:50pm (CSS 2324)
Th 11:00am-11:50am (JUL 1105) Dis
0103 **(25560)** Byrand, K.
MW 1:00pm-1:50pm (CSS 2324)
Th 2:00pm-2:50pm (PHY 1219) Dis
0104 **(25561)** Byrand, K.
MW 1:00pm-1:50pm (CSS 2324)
F 9:00am-9:50am (JMP 1202) Dis
0105 **(25562)** Byrand, K.
MW 1:00pm-1:50pm (CSS 2324)
F 11:00am-11:50am (JMP 3105) Dis
0106 **(25563)** Byrand, K.
MW 1:00pm-1:50pm (CSS 2324)
F 1:00pm-1:50pm (JMP 2202) Dis

GEOG201 Geography of Environmental Systems; (3) REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with GEOG 211, course may be counted as USP Area B Lab Science Course.
0101 **(25573)** Kinerney, E.
TuTh 11:00am-12:15pm (CSS 2324)

GEOG202 The World in Cultural Perspective; (3) REG/P-F/AUD. CORE: SB
0101 **(25583)** Groves, P.
MW 12:00pm-12:50pm (CSS 2324)
F 10:00am-10:50am (CSS 2416) Dis
0102 **(25584)** Groves, P.
MW 12:00pm-12:50pm (CSS 2324)
F 11:00am-11:50am (CSS 2324) Dis
0103 **(25585)** Groves, P.
MW 12:00pm-12:50pm (CSS 2324)
F 12:00pm-12:50pm (CSS 2324) Dis
0104 **(25586)** Groves, P.
MW 12:00pm-12:50pm (CSS 2324)
Tu 9:00am-9:50am (CSS 2416) Dis
0105 **(25587)** Groves, P.
MW 12:00pm-12:50pm (CSS 2324)
W 9:00am-9:50am (CSS 1113) Dis
0106 **(25588)** Groves, P.
MW 12:00pm-12:50pm (CSS 2324)
Tu 11:00am-11:50am (MTH 0305) Dis

GEOG211 Geography of Environmental Systems Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: GEOG 201 or GEOL 100 or GEOL 120.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 201. One two-hour lab per week.
0101 **(25608)** Kinerney, E.
F 11:00am-1:00pm (CHE 2136) Lab
0201 **(25609)** Kinerney, E.
F 9:00am-11:00am (CHE 2136) Lab
0301 **(25610)** Kinerney, E.
M 1:00pm-3:00pm (CSS 2428) Lab
0401 **(25611)** Kinerney, E.
M 11:00am-1:00pm (CHE 2140) Lab
0501 **(25612)** Kinerney, E.
M 9:00am-11:00am (CSS 2428) Lab

GEOG212 *(PermReq)* **The World in Cultural Perspective Laboratory; (1)** REG/P-F/AUD. *Pre- or corequisite: GEOG 202. For GEOG majors only.*
0101 **(25622)** Groves, P.
F 12:00pm-2:00pm (LEF 1220) Lab

GEOG320 The United States and Canada; (3) REG/P-F/AUD.
0101 **(25632)** Eney, A.
MWF 11:00am-11:50am (CSS 2428)

GEOG326 Africa; (3) REG/P-F/AUD. DIVERSITY
0101 **(25642)** Boberg, J.
TuTh 9:30am-10:45am (CSS 2324)

GEOG328A Topics in Regional Geography: Regional Context of the Global Economy; (3) REG/P-F/AUD.
0101 **(25643)** STAFF
TuTh 9:30am-10:45am (CSS 1113)

GEOG340 Geomorphology; (3) REG/P-F/AUD.
0101 **(25652)** Kearney, M.
TuTh 2:00pm-3:15pm (CLB 0102)

GEOG372 Remote Sensing; (3) REG/P-F/AUD.
0101 **(25662)** Lindsay, F.
M 2:00pm-4:00pm (CSS 1113)
W 1:00pm-3:00pm (CSS 2428) Lab
0102 **(25663)** Lindsay, F.
M 2:00pm-4:00pm (CSS 1113)
F 1:00pm-3:00pm (CSS 2416) Lab

GEOG384 *(PermReq)* **Internship in Geography; (3)** S-F. *Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 385.*
0101 **(25673)** Cirrincione, J.
Time and room to be arranged

GEOG385 *(PermReq)* **Internship Research Paper; (3)** REG/P-F/AUD. *Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 384.*
0101 **(25683)** Cirrincione, J.
Time and room to be arranged

GEOG398 Honors Research; (3) REG/P-F/AUD.
0101 **(25693)** Goward, S.
Time and room to be arranged

GEOG399 Honors Thesis; (3) REG/P-F/AUD. Prerequisite: GEOG 398.
0101 **(25703)** Goward, S.
Time and room to be arranged

GEOG441 Geomorphological Environments; (3) REG/P-F/AUD. *Prerequisite: GEOG 201 or GEOL 100 or permission of department.* Crosslisted with GEOG 618A
0101 **(25723)** Kearney, M.
Th 7:00pm-9:30pm (CSS 1113)

GEOG446 Applied Climatology; (3) REG/P-F/AUD. *Prerequisite: GEOG 345 or permission of department.*
0101 **(25733)** Lakshmi, V.
TuTh 2:00pm-3:15pm (CSS 2324)

GEOG450 The Contemporary City; (3) REG/P-F/AUD.
0101 **(25743)** STAFF
MW 10:00am-11:15am (CSS 0201)

GEOG454 Washington, D.C.: Past and Present; (3) REG/P-F/AUD.
0101 **(25753)** Kinerney, E.
TuTh 2:00pm-3:15pm (CSS 0201)

GEOG464 Energy Resources and Planning in Developing Countries; (3) REG/P-F/AUD.
0101 **(25763)** Boberg, J.
TuTh 12:30pm-1:45pm (CSS 2428)

GEOG471 Cartographic Production; (3) REG/P-F/AUD. *Prerequisite: GEOG 370.*
0101 **(25773)** Liang, S.
W 3:00pm-5:00pm (CSS 2416)
M 7:30pm-9:30pm (CSS 2416) Lab

GEOG480 Advanced Remote Sensing; (3) REG/P-F/AUD. *Prerequisite: GEOG 372 or introductory remote sensing course in another department.*
0101 **(25783)** Kalluri, S.
M 3:00pm-5:00pm (CSS 2324)
Tu 4:00pm-6:00pm (CSS 2428) Lab
0102 **(25784)** Kalluri, S.
M 3:00pm-5:00pm (CSS 2324)
W 3:00pm-5:00pm (CSS 2428) Lab

GEOG481 Advanced Computer Mapping; (3) REG/P-F/AUD. *Prerequisite: GEOG 373 or permission of department.*
0101 **(25794)** Liang, S.
Th 5:00pm-7:00pm (CSS 2330)
M 3:00pm-5:00pm (CSS 2416) Lab

GEOG482 *(PermReq)* **Geographic Information Systems; (3)** REG/P-F/AUD. *Prerequisite: GEOG 373 or permission of department.*
0101 **(25804)** Thompson, D.
Tu 4:00pm-6:00pm (CSS 1113)
W 5:00pm-7:00pm (CSS 1113) Lab
0102 **(25805)** Liang, S.
Tu 4:00pm-6:00pm (CSS 1113)
Th 5:00pm-7:00pm (CSS 1113) Lab

GEOG484 Biogeography; (3) REG/P-F/AUD.
0101 **(25815)** Prince, S.
Tu 4:00pm-7:00pm (CSS 2352)

GEOG498 *(PermReq)* **Topical Investigations: Selected Topics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to advanced undergraduate students with credit for at least 24 hours in geography and to graduate students. Any exceptions should have approval of department. Repeatable to 6 credits if content differs.

GEOG498A Topical Investigations: Human Dimensions of Global Change; (3) REG/P-F/AUD.
0101 **(25844)** Geores, M.
W 4:00pm-6:30pm (CSS 2330)

GEOG610 *(PermReq)* **Research Tutorial; (3)** REG/AUD. *Prerequisite: GEOG 600; and permission of department.*
0101 **(25854)** Mitchell, R.
W 7:00pm-9:30pm (CSS 2330)

GEOG618A Seminar in Geomorphology: Geomorphological Environments; (3) REG/AUD. Crosslisted with GEOG 441.
0101 **(25864)** Kearney, M.
Th 7:00pm-9:30pm (CSS 1113)

GEOG628A Seminar in Climatology: Applied Climatology; (3) REG/AUD.
0101 **(25874)** Lakshmi, V.
TuTh 2:00pm-3:15pm (CSS 2324)

GEOG648A Seminar in Cultural Geography: Current Issues in Geographical Thought; (3) REG/AUD.
0101 **(25884)** Mitchell, R.
Tu 6:00pm-8:30pm (CSS 2330)

GEOG668 Seminar in Economic Geography: Geog. of Solar Energy; (3) REG/AUD.
0101 **(25885)** Boberg, J.
Tu 3:30pm-6:00pm (CSS 2416)

GEOG696 Design for Geographic Information Systems; (3) REG/AUD. *Prerequisite: GEOG 482 or permission of department.*
0101 **(25894)** Thompson, D.
M 7:00pm-9:30pm (CSS 2428)

GEOG788 *(PermReq)* **Selected Topics in Geography; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs.

GEOG788G Selected Topics in Geography: Colonial North America; (3) REG/AUD.
0101 **(25923)** Mitchell, R.

GEOG788I Selected Topics in Geography: The Contemporary City; (3) REG/AUD.
0101 **(25933)** STAFF
MW 10:00am-11:15am (CSS 0201)

GEOG788J Selected Topics in Geography: Energy Resources and Planning in Developing Countries; (3) REG/AUD.
0101 **(25943)** Boberg, J.
TuTh 12:30pm-1:45pm (CSS 2428)

GEOG788K Selected Topics in Geography: Global Land Use/Cover Change; (3) REG/AUD.
0101 **(25953)** Townshend, J.
F 2:30pm-5:00pm (CSS 2352)

GEOG788L Selected Topics in Geography: Human Dimensions of Global Change; (3) REG/AUD.
0101 **(25963)** Geores, M.
W 4:00pm-6:30pm (CSS 2330)

GEOG788M Selected Topics in Geography: Advanced Remote Sensing; (3) REG/AUD.
0101 **(25973)** Kalluri, S.
M 3:00pm-5:00pm (CSS 2324)
Tu 4:00pm-6:00pm (CSS 2428) Lab
0102 **(25974)** Kalluri, S.
M 3:00pm-5:00pm (CSS 2324)
W 3:00pm-5:00pm (CSS 2428) Lab

GEOG788P Selected Topics in Geography: Biogeography; (3) REG/AUD.
0101 **(25984)** Prince, S.
Tu 4:00pm-7:00pm (CSS 2352)

GEOG788S Selected Topics in Geography: Seminar Series; (1) REG/AUD.
0101 **(25994)** Mitchell, R.
Th 3:30pm-5:00pm (CSS 2352)

GEOG789 *(PermReq)* **Independent Readings; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs.

GEOG790 *(PermReq)* **Internship in Geography; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOG799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOG899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOL Geology
(Computer, Mathematical and Physical Sciences)

GEOL100 Physical Geology; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: GEOL 100 or GEOL 103 or GEOL 105 or GEOL 107.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with GEOL 110, course can be counted as USP Area B Lab Science Course.
0101 **(26128)** Kaufman, A.
MWF 1:00pm-1:50pm (MMH 1400)
0201 **(26129)** Piccoli, P.
TuTh 2:00pm-3:15pm (CHE 2110)

GEOL102 Historical Geology; (4) REG/P-F/AUD. *Prerequisite: GEOL 100 or GEOL 103 or GEOL 105 or GEOL 107 or permission of department.*
0101 **(26139)** Holtz, T.
MWF 9:00am-9:50am (PLS 1162)
W 2:00pm-5:00pm (GEO 2107) Lab

GEOL103 Water, Earth, and Humans; (4) REG/P-F/AUD. CORE: PL *Credit will be granted for only one of the following: GEOL 100 or GEOL 103 or GEOL 105 or GEOL 107.*
0101 **(26149)** McLellan, E.
TuTh 9:30am-10:45am (CHM 0119)
Th 12:30pm-3:30pm (GEO 2106) Lab
0102 **(26150)** McLellan, E.
TuTh 9:30am-10:45am (CHM 0119)
Tu 12:30pm-3:30pm (GEO 2106) Lab

GEOL110 Physical Geology Laboratory; (1) REG/P-F. *Pre- or corequisite: GEOL 100 or GEOL 120.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100.
0201 **(26160)** STAFF
M 12:00pm-3:00pm (GEO 2106) Lab
0301 **(26161)** STAFF
Tu 9:00am-12:00pm (GEO 2106) Lab
0401 **(26162)** STAFF
Tu 4:00pm-7:00pm (GEO 2106) Lab
0501 **(26163)** STAFF
Th 9:00am-12:00pm (GEO 2106) Lab
0601 **(26164)** STAFF
Th 4:00pm-7:00pm (GEO 2106) Lab
0801 **(26166)** STAFF
M 3:00pm-6:00pm (GEO 2106) Lab
0901 **(26167)** STAFF
W 3:00pm-6:00pm (GEO 2106) Lab

GEOL120 Environmental Geology; (3) REG/P-F/AUD. CORE: PS
0101 **(26177)** Segovia, A.
TuTh 12:30pm-1:45pm (MMH 1400)
0201 **(26178)** Segovia, A.
TuTh 3:30pm-4:45pm (KEY 0106)
0301 **(26179)** Segovia, A.
MWF 10:00am-10:50am (ASY 2309)
0401 **(26180)** Gallup, C.
TuTh 3:30pm-4:45pm (ZOP 1250)

GEOL123 Causes and Implications of Global Change; (3) REG/P-F/AUD. CORE: PS *Also offered as GEOG 123, METO 123, and PBIO 123. Credit will be granted for only one of the following: GEOG 123, GEOL 123, METO 123, or PBIO 123.*
0101 **(26190)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
F 9:00am-9:50am (EGR 0108) Dis
0102 **(26191)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
F 10:00am-10:50am (EGR 2112) Dis
0103 **(26192)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
F 11:00am-11:50am (EGR 3102) Dis
0104 **(26193)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
F 12:00pm-12:50pm (EGR 0104) Dis
0105 **(26194)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
F 1:00pm-1:50pm (EGR 0104) Dis
0106 **(26195)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
Th 9:00am-9:50am (JMZ 0125) Dis
0107 **(26196)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
Th 10:00am-10:50am (JMZ 0125) Dis
0108 **(26197)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
Th 11:00am-11:50am (JMZ 1224) Dis
0109 **(26198)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
Th 12:00pm-12:50pm (JMZ 0103) Dis
0110 **(26199)** McLellan, E.
MW 12:00pm-12:50pm (SKN 0200)
Th 1:00pm-1:50pm (JMZ 0103) Dis

GEOL210 Gems and Gemstones; (3) REG/P-F/AUD
0101 **(26209)** Chang, L.
TuTh 11:00am-12:15pm (PLS 1176)

GEOL340 Geomorphology; (4) REG/P-F/AUD. *Two Saturday field trips. Prerequisite: GEOL 103 or GEOL 105 or GEOL 107 or GEOL 110.*
0101 **(26219)** am Ende, B.
TuTh 9:30am-10:45am (PLS 1117)
Tu 1:00pm-4:00pm (GEO 2107) Lab
0102 **(26220)** am Ende, B.
TuTh 9:30am-10:45am (PLS 1117)
Th 1:00pm-4:00pm (GEO 2107) Lab

GEOL342 Sedimentation and Stratigraphy; (4) REG/P-F
Prerequisite: GEOL 322 or permission of department.
0101 **(26230)** am Ende, B.
TuTh 11:00am-12:15pm (PLS 1180)
M 1:00pm-4:00pm (GEO 2117) Lab

GEOL386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

GEOL393 Technical Writing for Geoscientists; (3) REG. *Prerequisites: completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331, GEOL 322, and GEOL 451. For GEOL majors only.*
0101 **(26241)** Candela, P.
MW 5:00pm-6:15pm (PLS 1119)

GEOL393H Technical Writing for Geoscientists; (3) REG. *Prerequisites: completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331, GEOL 322, and GEOL 451. For GEOL majors only.* For general honors students only.
0101 **(26251)** Candela, P.
MW 5:00pm-6:15pm (PLS 1119)

GEOL394 Research Problems in Geology; (3) REG. CORE: CS *Prerequisite: GEOL 393.*
0101 **(26261)** Candela, P.
MW 5:00pm-6:15pm (PLS 1119)

GEOL394H Research Problems in Geology; (3) REG. CORE: CS *Prerequisite: GEOL 393.* For general honors students only.
0101 **(26271)** Candela, P.
MW 5:00pm-6:15pm (PLS 1119)

GEOL423 Optical Mineralogy; (3) REG/P-F/AUD. *Prerequisite: GEOL 322.*
0102 **(26281)** Wylie, A.
F 9:30am-10:20am (PLS 1180)
W 9:30am-1:30pm (GEO 2117) Lab

GEOL443 Petrology; (4) REG/P-F/AUD. *Prerequisite: GEOL 322. Corequisite: GEOL 423.*
0101 **(26291)** Walker, R.
TuTh 8:00am-9:15am (PLS 1180)
Th 1:00pm-4:00pm (GEO 2117) Lab

GEOL451 Groundwater Geology; (3) REG/P-F/AUD. *Prerequisites: (CHEM 103 and MATH 140) and (GEOL 110 or GEOL 103 or GEOL 105 or GEOL 107). Corequisite: GEOL 342. Junior standing.*
0101 **(26301)** Prestegaard, K.
TuTh 4:15pm-5:30pm (PLS 1119)

GEOL499 *(PermReq)* **Special Problems in Geology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOL650 Isotope and Trace Element Geochemistry; (3) REG/AUD. *Prerequisite: GEOL 443 or permission of department.*
0101 **(26341)** Walker, R.
WF 8:30am-9:45am (PLS 1176)

GEOL789S Recent Advances in Geology; (2-4) REG/AUD.
0101 **(26361)** Prestegaard, K.
TuTh 1:15pm-2:30pm (PLS 1184)

GEOL789T Recent Advances in Geology: Special Topics in the Thermodynamics of Water-Rock Interactions; (2-4) REG/AUD.
0101 **(26371)** Candela, P.
MW 12:30pm-1:45pm (GEO 2107)

GEOL798 *(PermReq)* **Seminar in Geology; (1)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GERM Germanic Studies
(Arts and Humanities)

GERM101 Elementary German I; (4) REG/P-F/AUD. *Formerly GERM 111.*
0201 **(26465)** STAFF
MWF 10:00am-10:50am (JMZ 0118)
Tu 10:00am-10:50am (JMZ 0118)
0301 **(26466)** STAFF
MWF 11:00am-11:50am (JMZ 0118)
Tu 11:00am-11:50am (JMZ 0118)
0401 **(26467)** STAFF
MWF 12:00pm-12:50pm (JMZ 0118)
Tu 12:00pm-12:50pm (JMZ 0118)
0501 **(26468)** STAFF
MWF 1:00pm-1:50pm (JMZ 0118)
Tu 1:00pm-1:50pm (JMZ 0118)

GERM102 Elementary German II; (4) REG/P-F/AUD. *Prerequisite: GERM 101 or equivalent. Formerly GERM 112.*
0301 **(26478)** STAFF
MWF 11:00am-11:50am (JMZ 3203)
Th 11:00am-11:50am (JMZ 2117)
0401 **(26479)** STAFF
MWF 2:00pm-2:50pm (JMZ 0118)
Th 2:00pm-2:50pm (JMZ 0118)
0501 **(26480)** STAFF
MWF 12:00pm-12:50pm (JMZ 3203)
Th 12:00pm-12:50pm (JMZ 2117)

GERM103 Review of Elementary German; (4) REG/P-F/AUD. *Prerequisite: assignment either by placement examination or by the undergraduate director (Germanic Section).*
0101 **(26490)** STAFF
MTuWF 11:00am-11:50am (JMZ 1104)

GERM149Y Germanic Languages - Elementary II: Elementary Yiddish; (3) REG/P-F/AUD.
0101 **(26500)** Isaacs, M.
TuTh 9:30am-10:45am (JMZ 1224)

GERM201 Intermediate German I; (4) REG/P-F/AUD. CORE: HO *Prerequisite: GERM 102.*
0101 **(26510)** STAFF
MWF 11:00am-11:50am (JMZ 1117)
Th 11:00am-11:50am (JMZ 2125)
0201 **(26511)** STAFF
MWF 1:00pm-1:50pm (JMZ 3203)
Th 1:00pm-1:50pm (JMZ 0118)

GERM202 Intermediate German II; (4) REG/P-F/AUD. CORE: HO *Prerequisite: GERM 201. Not open to students who have completed GERM 211. Credit will be granted for only one of the following: GERM 202 or GERM 211 or GERM 104. Formerly GERM 211.*
0101 **(26521)** STAFF
MWF 12:00pm-12:50pm (JMZ 2125)
Th 12:00pm-12:50pm (JMZ 2125)
0201 **(26522)** STAFF
MWF 10:00am-10:50am (JMZ 2125)
Th 10:00am-10:50am (JMZ 2125)

GERM220 Introduction to German Literature; (3) REG/P-F/AUD. *Prerequisite: GERM 202.*
0101 **(26523)** STAFF
MWF 1:00pm-1:50pm (KEY 0125)

GERM220H Introduction to German Literature; (3) REG/P-F/AUD. *Prerequisite: GERM 202.*
0101 **(26524)** STAFF
MWF 1:00pm-1:50pm (KEY 0125)

GERM249S Germanic Languages - Intermediate II; (3) REG/P-F/AUD.
0101 **(26532)** Oster, R.
TuTh 11:00am-12:15pm (JMZ 1123)

GERM283 Viking Culture and Civilization; (3) REG/P-F/AUD. CORE: HL *Formerly GERM 383.*
0101 **(26542)** Fleck, J.
TuTh 12:30pm-1:45pm (JMZ 3205)

GERM285 German Film and Literature; (3) REG/P-F/AUD. CORE: HL
0101 **(26552)** Beicken, P.
Tu 2:00pm-4:15pm (HBK 4210T)
Th 2:00pm-3:30pm (JMZ 3120)

GERM285H German Film and Literature; (3) REG/P-F/AUD. CORE: HL For general honors students only.
0101 **(26562)** Beicken, P.
Tu 2:00pm-4:15pm (HBK 4210T)
Th 2:00pm-3:30pm (JMZ 3120)

GERM286 Ancient Indic Culture and Civilization; (3) REG/P-F/AUD. CORE: HL *Formerly GERM 371.*
0101 **(26572)** Fleck, J.
TuTh 2:00pm-3:15pm (JMZ 3205)

GERM301 Conversation and Composition I; (3) REG/P-F/AUD. *Prerequisite: GERM 202 or equivalent.*
0101 **(26582)** Pfister, G.
TuTh 12:30pm-1:45pm (JMZ 3203)

GERM302 Conversation and Composition II; (3) REG/P-F/AUD. *Prerequisite: GERM 301 or equivalent.*
0101 **(26592)** STAFF
MWF 10:00am-10:50am (COL 3109)
0201 **(26593)** STAFF
MWF 11:00am-11:50am (HJP 1229)

GERM322 Highlights of German Literature II; (3) REG/P-F/AUD. *Prerequisite: GERM 220 or equivalent.*
0101 **(26603)** Frederiksen, E.
MWF 2:00pm-2:50pm (JMZ 3203)

GERM322H Highlights of German Literature II; (3) REG. *Prerequisite: GERM 220 or equivalent.* For general honors students only.
0101 **(26613)** Frederiksen, E.
MWF 2:00pm-2:50pm (JMZ 3203)

GERM360 Women in Scandinavian Literature; (3) REG/P-F/AUD. *Prerequisite: a literature, culture, diversity course or permission of department.*
0101 **(26623)** Oster, R.
M 3:00pm-5:30pm (JMZ 1103)

GERM382 German Civilization II; (3) REG/P-F/AUD.
0101 **(26633)** Pfister, G.
TuTh 11:00am-12:15pm (JMZ 0125)

GERM386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

GERM389W Topics in Germanic Culture: Medieval Women:"The Real and The Ideal"; (3) REG/P-F/AUD.
0101 **(26653)** Walker, R.
MWF 10:00am-10:50am (JMZ 1120)

GERM397H *(PermReq)* **Honors Reading (Independent Study); (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must have department's permission before registering.

GERM398H *(PermReq)* **Honors Research; (3)** REG/P-F/AUD.
0101 **(26673)** Frederiksen, E.
Time and room to be arranged

GERM401 Advanced Conversation; (3) REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.*
0101 **(26683)** STAFF
MWF 12:00pm-12:50pm (JMZ 1109)

GERM411 German for International Business I; (3) REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent or permission of department.*
0101 **(26684)** STAFF
TuTh 4:00pm-5:15pm (JMZ 3120)

GERM439 Selected Topics in German Literature: "Hofischer Heldenroman"; (3) REG/P-F/AUD.
0101 **(26693)** Walker, R.
MWF 1:00pm-1:50pm (JMZ 3205)

GERM439H Selected Topics in German Literature; (3) REG/P-F/AUD. For general honors students only.
0101 **(26703)** Walker, R.
MWF 1:00pm-1:50pm (JMZ 3205)

GERM475 Old Norse; (3) REG/P-F/AUD.
0101 **(26713)** Fleck, J.
TuTh 3:30pm-4:45pm (JMZ 3205)

GERM498H Honors Thesis Writing; (3) REG/P-F/AUD. For general honors students only.
0101 **(26723)** Frederiksen, E.
Time and room to be arranged

GERM499 Directed Study; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GERM689B Special Topics - M.A. Level: Filmanalyse; (3) REG/AUD.
0101 **(26745)** Beicken, P.
Th 5:00pm-7:30pm (JMZ 3205)

GERM689F Special Topics - M.A. Level: Zur Literatur und Kultur des Wilhelminischen Kaiserreches; (1-3) REG/AUD.
0101 **(26754)** Frederiksen, E.
M 5:00pm-7:30pm (JMZ 3205)

GERM798 *(PermReq)* **Master's Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
0101: Beicken, Peter 0201: Best, Otto 0301: Bilik, Dorothy 0501: Fleck, Jere 0601: Frederiksen, Elke 0701: Greene-Gantzberg, Vivian 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Richter, Simon 1101: Strauch, Gabriele: 1201 Walker, Richard.

GERM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GERM829 Seminar: The 19th Century: Zur Literatur und Kultur des Wilhelminischen Kaiserreches; (3) REG/AUD.
0101 **(26785)** Frederiksen, E.
M 5:00pm-7:30pm (JMZ 3205)

GERM898 *(PermReq)* **Doctoral Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GERM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GREK Greek
(Arts and Humanities)

See FOLA for Modern Greek.

GREK102 Elementary Ancient Greek II; (4) REG/P-F/AUD. *Prerequisite: GREK 101 or equivalent.*
0101 **(26913)** Staley, G.
MWF 1:00pm-1:50pm (WDS 0104)
F 12:00pm-12:50pm (WDS 1127)

GREK301 Euripides; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: GREK 301 or GREK 351. Formerly GREK 351.*
0101 **(26923)** Lee, H.
MW 1:00pm-3:00pm (JMZ 2125)

GREK488 Greek Readings: History and Development of Greek Language; (3) REG/P-F/AUD.
0101 **(26933)** Stehle, E.
Tu 5:00pm-7:40pm (MMH 0108)

GREK499 *(PermReq)* **Independent Study in Greek Language and Literature; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GREK688 Special Topics in Greek Literature: History and Development of Greek Language; (3) REG/AUD.
0101 **(26948)** Stehle, E.
Tu 5:00pm-7:40pm (MMH 0108)

GREK699 *(PermReq)* **Independent Study in Greek Literature; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GVPT Government and Politics
(Behavioral and Social Sciences)

GVPT100 Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB
0101 **(27011)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
Th 1:00pm-1:50pm (JMZ 1120) Dis
0102 **(27012)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
Th 2:00pm-2:50pm (ARM 0103) Dis
0103 **(27013)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
Th 3:00pm-3:50pm (ARM 0103) Dis
0104 **(27014)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
Th 4:00pm-4:50pm (TYD 1114) Dis
0105 **(27015)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
F 11:00am-11:50am (ARC 1105) Dis
0106 **(27016)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 1102) Dis
0107 **(27017)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
F 2:00pm-2:50pm (LEF 1220) Dis
0108 **(27018)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
F 3:00pm-3:50pm (KEY 0119) Dis
0109 **(27019)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
F 4:00pm-4:50pm (TYD 1132) Dis
0110 **(27020)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
Th 10:00am-10:50am (MMH 3418) Dis
0111 **(27021)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
F 9:00am-9:50am (KEY 0120) Dis
0112 **(27022)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (TYD 0130)
F 10:00am-10:50am (WDS 1127) Dis

GVPT170 American Government; (3) REG/P-F/AUD. CORE: SB
0101 **(27042)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
F 9:00am-9:50am (ARC 1125) Dis
0102 **(27043)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
F 10:00am-10:50am (JRN 1104) Dis
0103 **(27044)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
F 11:00am-11:50am (WDS 1130) Dis
0104 **(27045)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
F 1:00pm-1:50pm (TYD 1128) Dis
0105 **(27046)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
F 2:00pm-2:50pm (TYD 1128) Dis
0106 **(27047)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
F 3:00pm-3:50pm (TYD 1128) Dis
0107 **(27048)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
Th 3:00pm-3:50pm (TYD 1101) Dis
0108 **(27049)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
Th 2:00pm-2:50pm (TYD 1108) Dis
0109 **(27050)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
Th 1:00pm-1:50pm (JMZ 2117) Dis
0110 **(27051)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
Th 4:00pm-4:50pm (KEY 0124) Dis
0111 **(27052)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
Th 11:00am-11:50am (JMP 1202) Dis
0112 **(27053)** Williams, L.
TuTh 10:00am-10:50am (SKN 0200)
Th 12:00pm-12:50pm (JMZ 0202) Dis
0201 **(27054)** Cook, E.
MW 11:00am-11:50am (SHM 2101)
W 1:00pm-1:50pm (TYD 1102) Dis
0202 **(27055)** Cook, E.
MW 11:00am-11:50am (SHM 2101)
W 2:00pm-2:50pm (JMZ 1224) Dis
0203 **(27056)** Cook, E.
MW 11:00am-11:50am (SHM 2101)
W 3:00pm-3:50pm (JMZ 2207) Dis
0204 **(27057)** Cook, E.
MW 11:00am-11:50am (SHM 2101)
W 4:00pm-4:50pm (TYD 1102) Dis
0205 **(27058)** Cook, E.
MW 11:00am-11:50am (SHM 2101)
Th 10:00am-10:50am (JMZ 3203) Dis
0206 **(27059)** Cook, E.
MW 11:00am-11:50am (SHM 2101)
Th 11:00am-11:50am (ARM 0118) Dis
0207 **(27060)** Cook, E.
MW 11:00am-11:50am (SHM 2101)
Th 1:00pm-1:50pm (TYD 1128) Dis
0208 **(27061)** Cook, E.
MW 11:00am-11:50am (SHM 2101)
Th 2:00pm-2:50pm (LEF 1220) Dis

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

GVPT170H American Government; (3) REG/P-F/AUD. CORE: SB Limited to GVPT and general honors students.
0101 **(27071)** Stone, C.
TuTh 11:00am-12:15pm (TYD 1136)

GVPT200 International Political Relations; (3) REG/P-F/AUD. CORE: SB *Prerequisite: GVPT 100. Formerly GVPT 300.*
0101 **(27081)** Quester, G.
MW 10:00am-10:50am (LEF 2205)
W 1:00pm-1:50pm (LEF 1222) Dis
0102 **(27082)** Quester, G.
MW 10:00am-10:50am (LEF 2205)
W 2:00pm-2:50pm (HBK 1116) Dis
0103 **(27083)** Quester, G.
MW 10:00am-10:50am (LEF 2205)
Th 2:00pm-2:50pm (SQH 2121) Dis
0104 **(27084)** Quester, G.
MW 10:00am-10:50am (LEF 2205)
Th 3:00pm-3:50pm (ARC 1103) Dis
0105 **(27085)** Quester, G.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (SQH 2117) Dis

GVPT220H Introduction to Political Behavior; (3) REG/P-F/AUD. *Prerequisite: GVPT 100 or GVPT 170.* Limited to GVPT and general honors students.
0101 **(27095)** Swistak, P.
MW 9:30am-10:45am (TYD 1108)

GVPT221 Introduction to Formal Theories of Political Behavior and Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27105)** Lalman, D.
TuTh 11:00am-12:15pm (ARM 0112)

GVPT231 Law and Society; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27115)** Soltan, K.
TuTh 11:00am-11:50am (ARM 0135)
Th 2:00pm-2:50pm (TYD 1136) Dis
0102 **(27116)** Soltan, K.
TuTh 11:00am-11:50am (ARM 0135)
Th 3:00pm-3:50pm (JMZ 2117) Dis
0103 **(27117)** Soltan, K.
TuTh 11:00am-11:50am (ARM 0135)
Th 4:00pm-4:50pm (TYD 2106) Dis
0104 **(27118)** Soltan, K.
TuTh 11:00am-11:50am (ARM 0135)
F 1:00pm-1:50pm (TYD 1132) Dis
0105 **(27119)** Soltan, K.
TuTh 11:00am-11:50am (ARM 0135)
F 2:00pm-2:50pm (LEF 1221) Dis
0106 **(27120)** Soltan, K.
TuTh 11:00am-11:50am (ARM 0135)
F 3:00pm-3:50pm (LEF 1222) Dis

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27130)** Alford, C.
TuTh 12:30pm-1:20pm (SHM 2101)
F 3:00pm-3:50pm (JMZ 1122) Dis
0102 **(27131)** Alford, C.
TuTh 12:30pm-1:20pm (SHM 2101)
F 2:00pm-2:50pm (LEF 1222) Dis
0103 **(27132)** Alford, C.
TuTh 12:30pm-1:20pm (SHM 2101)
F 1:00pm-1:50pm (TYD 1101) Dis
0104 **(27133)** Alford, C.
TuTh 12:30pm-1:20pm (SHM 2101)
F 10:00am-10:50am (TYD 2110) Dis
0105 **(27134)** Alford, C.
TuTh 12:30pm-1:20pm (SHM 2101)
F 11:00am-11:50am (TYD 0111) Dis

GVPT282 The Government and Politics of the Third World; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27157)** Lanning, E.
MWF 11:00am-11:50am (TYD 0102)

GVPT306 Global Ecopolitics; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(27158)** Pirages, D.
TuTh 9:30am-10:20am (LEF 2205)
Th 11:00am-11:50am (KEY 0121) Dis
0102 **(27159)** Pirages, D.
TuTh 9:30am-10:20am (LEF 2205)
Th 1:00pm-1:50pm (ARC 1101) Dis
0103 **(27160)** Pirages, D.
TuTh 9:30am-10:20am (LEF 2205)
F 10:00am-10:50am (LEF 1220) Dis

GVPT309A Topics in International Relations: International Relations of the Middle East; (3) REG/P-F/AUD.
0101 **(27167)** Telhami, S.
TuTh 10:00am-11:15am (JMZ 0202)

GVPT359B Topics in Comparative Politics: Rise and Fall of Communism in the 20th Century; (3) REG/P-F/AUD.
0101 **(27187)** Tismaneanu, V.
TuTh 11:00am-12:15pm (TYD 1102)

GVPT376A *(PermReq)* **Applied Field Research in Government and Politics; (6)** S-F. *Prerequisite: GVPT 170. Corequisite: GVPT 377.* Limited to Capitol Hill interns.
0101 **(27197)** Herrnson, P.
Time and room to be arranged

GVPT376B *(PermReq)* **Applied Field Research in Government and Politics; (6)** S-F. *Prerequisite: GVPT 170. Corequisite: GVPT 377.* Limited to Maryland General Assembly interns. Co-requisite GVPT 377B.
0101 **(27207)** STAFF
Time and room to be arranged

GVPT376C *(PermReq)* **Applied Field Research in Government and Politics; (3-6)** S-F. *Prerequisite: GVPT 170. Corequisite: GVPT 377*
0101 **(27217)** Phillips, W.
Time and room to be arranged

GVPT377A *(PermReq)* **Seminar For Academic Interns; (3)** REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.* Limited to Capitol Hill interns.
0101 **(27227)** Herrnson, P.
M 3:30pm-6:00pm (TYD 1136)

GVPT377B *(PermReq)* **Seminar For Academic Interns; (3)** REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.* Limited to Maryland General Assembly interns. Co-requisite GVPT 376B.
0101 **(27237)** STAFF
W 3:30pm-6:00pm (TYD 1111)

GVPT377C *(PermReq)* **Seminar For Academic Interns; (3)** REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.*
0101 **(27247)** Phillips, W.
W 9:00am-11:45am (TYD 1136)

GVPT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

GVPT388 *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies required.

GVPT396 *(PermReq)* **Introduction to Honors Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to and permission of GVPT Honors Program.*

GVPT397 *(PermReq)* **Honors Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: GVPT 396 and admission to GVPT honors program.*

GVPT401 Problems of World Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(27468)** Conca, K.
MW 11:00am-12:15pm (TYD 2106)

GVPT405 Defense Policy and Arms Control; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(27478)** Quester, G.
TuTh 9:30am-10:45am (TYD 1114)

GVPT407 International Political Economy; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(27488)** Kaminski, B.
TuTh 2:00pm-3:15pm (TYD 1102)

GVPT409A Seminar in International Relations and World Politics: Conflict Transformation and Multi-Track Diplomacy; (3) REG/P-F/AUD.
0101 **(27498)** Davies, J.
M 2:00pm-3:00pm (TYD 1102)
W 2:00pm-4:00pm (LEF 1201)

GVPT409B Seminar in International Relations and World Politics: Migration and Refugee Issues; (3) REG/P-F/AUD.
0101 **(27508)** Heisler, M.
MW 2:00pm-3:15pm (JMZ 2117)

GVPT409C Seminar in International Relations and World Politics: European International Relations; (3) REG/P-F/AUD.
0101 **(27518)** Heisler, M.
M 3:30pm-6:15pm (TYD 1111)

GVPT409D Seminar in International Relations and World Politics: Simulation of Crisis Decision Making; (3) REG/P-F/AUD. Course is team taught by Tara Santmire and Dr. Jonathan Wilkenfeld.
0101 **(27528)** Santmire, T.
Th 9:00am-11:45am (TYD 1111)

GVPT412 Public Financial Administration; (3) REG/P-F/AUD. *Prerequisite: GVPT 210.*
0101 **(27548)** Sturtz, C.
MW 3:30pm-4:45pm (ARM 0110)

GVPT432 Civil Rights and the Constitution; (3) REG/P-F/AUD. *Prerequisite: GVPT 231.*
0101 **(27558)** Graber, M.
TuTh 12:30pm-1:45pm (TYD 1101)

GVPT433 The Judicial Process; (3) REG/P-F/AUD. *Prerequisite: GVPT 231.*
0101 **(27568)** McIntosh, W.
TuTh 12:15pm-1:30pm (TYD 2106)

GVPT439A Seminar in Public Law: Law On-Line; (3) REG/P-F/AUD.
0101 **(27578)** McIntosh, W.
TuTh 9:30am-10:45am (TYD 2111)

GVPT441 History of Political Theory: Ancient and Medieval; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27588)** STAFF
TuTh 2:00pm-3:15pm (KEY 0125)

GVPT442 History of Political Theory—Medieval to Recent; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27598)** Matthes, M.
MW 2:00pm-3:15pm (HJP 1229)

GVPT444 American Political Theory; (3) REG/P-F/AUD. *Prerequisite: GVPT 100 or GVPT 170.*
0101 **(27608)** Terchek, R.
MW 1:00pm-2:15pm (LEF 1221)

GVPT447 Islamic Political Philosophy; (3) REG/P-F/AUD. DIVERSITY
0101 **(27618)** Butterworth, C.
MW 2:00pm-3:15pm (TYD 1132)

GVPT450 Comparative Study of Foreign Policy Formation; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(27628)** Wilkenfeld, J.
MWF 12:00pm-12:50pm (TYD 0102)

GVPT453H Recent East Asian Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.* Limited to GVPT Honors Students.
0101 **(27638)** Schreurs, M.
TuTh 2:00pm-3:15pm (TYD 0102)

GVPT459A Seminar in Comparative Politics: Politics of Japan and Germany; (3) REG/P-F/AUD.
0101 **(27648)** Schreurs, M.
TuTh 10:00am-11:15am (TYD 1101)

GVPT461 Metropolitan Government; (3) REG/P-F/AUD. *Prerequisite: GVPT 260.*
0101 **(27658)** Marando, V.
MWF 9:00am-9:50am (TYD 0102)

GVPT473 Legislatures and Legislation; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27668)** Davidson, R.
TuTh 1:00pm-2:15pm (ARM 0112)

GVPT474 Political Parties; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27678)** Herrnson, P.
MWF 1:00pm-1:50pm (TYD 0102)

GVPT479A Problems of American Public Policy: The Politics of the Vietnam War; (3) REG/P-F/AUD.
0101 **(27688)** Vietri, L.
Th 6:30pm-9:15pm (HBK 4205)

GVPT479B Seminar in American Politics: Race and Politics; (3) REG/P-F/AUD. Also offered as AASP 499T.
0101 **(27698)** Williams, L.
TuTh 11:00am-12:15pm (TYD 2110)

GVPT599 Teaching Political Science; (1) REG/AUD.
0101 **(27708)** Oppenheimer, J.
W 8:45am-10:30am (TYD 2110)

GVPT700 Scope and Method of Political Science; (3) REG/AUD.
0101 **(27718)** Oppenheimer, J.
W 6:30pm-9:15pm (TYD 2102)

GVPT722 Advanced Quantitative Methods For Political Science; (3) REG/AUD. *Prerequisite: GVPT 622 or permission of instructor.*
0101 **(27728)** Swistak, P.
W 12:30pm-3:15pm (TYD 1128)

GVPT741 Political Theory; (3) REG/AUD.
0101 **(27738)** Alford, C.
Tu 6:30pm-9:15pm (TYD 0111)

GVPT761 International Political Economy; (3) REG/AUD. *Recommended: GVPT 708.*
0101 **(27748)** Kaminski, B.
Th 6:30pm-9:15pm (TYD 1136)

GVPT770 Seminar in American Political Institutions; (3) REG/AUD.
0101 **(27749)** Graber, M.
M 12:30pm-3:15pm (TYD 1136)

GVPT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GVPT808C Selected Topics in Functional Problems in International Relations: European International Relations; (3) REG/AUD.
0101 **(27797)** Heisler, M.
M 3:30pm-6:15pm (TYD 1111)

GVPT832 Formal Theories of Politics II; (3) REG/AUD. *Prerequisite: GVPT 831.*
0101 **(27807)** Lalman, D.
Tu 3:30pm-6:15pm (TYD 2111)

GVPT841 Great Political Thinkers; (3) REG/AUD. *Prerequisite: GVPT 441.*
0101 **(27817)** Butterworth, C.
W 3:30pm-6:15pm (TYD 1136)

GVPT846 Theories of Democracy; (3) REG/AUD. *Prerequisite: GVPT 442.*
0101 **(27827)** Terchek, R.
W 3:30pm-6:15pm (TYD 0102)

GVPT859A Selected Topics in Public Policy: Leadership and Political Change; (3) REG/AUD.
0101 **(27837)** Stone, C.
M 6:30pm-9:15pm (TYD 1136)

GVPT859B Selected Topics in Public Policy: Public Policy and the African American Community; (3) REG/AUD.
0101 **(27847)** Walters, R.
Th 6:30pm-9:15pm (TYD 1128)

GVPT860 The Democratic State; (3) REG/AUD.
0101 **(27857)** Elkin, S.
Th 3:30pm-6:15pm (TYD 1111)

GVPT861 The International Politics of Technology and Resources; (3) REG/AUD. *Recommended: GVPT 708, GVPT 761.*
0101 **(27867)** Pirages, D.
W 3:30pm-6:15pm (TYD 0139)

GVPT868B Problems of State and Local Government: Administration and Fieldwork; (3) REG/AUD.
0101 **(27877)** Marando, V.
M 3:30pm-6:15pm (TYD 3114D)

GVPT877 The Politics of the Presidency; (3) REG/AUD. *Recommended: GVPT 770.*
0101 **(27897)** Davidson, R.
Tu 3:30pm-6:15pm (TYD 2108)

GVPT880 Civil Conflict: Theory and Research; (3) REG/AUD. *Recommended: GVPT 780.*
0101 **(27907)** Gurr, T.
Th 3:30pm-6:15pm (TYD 0139)

GVPT887 Seminar in the Politics of Developing Nations; (3) REG/AUD.
0101 **(27917)** Phillips, W.
W 3:30pm-6:15pm (TYD 2110)

GVPT888A Selected Topics in Comparative Governmental Institutions; (3) REG/AUD.
0101 **(27927)** Johnson, O.
Tu 6:30pm-9:15pm (TYD 1128)

GVPT888B Selected Topics in Comparative Governmental Institutions: Politics and Societies in Central Europe: From Communism to Pluralism; (3) REG/AUD.
0101 **(27937)** Tismaneanu, V.
Tu 3:30pm-6:15pm (TYD 0102)

GVPT888D Selected Topics in Comparative Governmental Institutions; (3) REG/AUD.
0101 **(27938)** Wilson, E.
Tu 3:30pm-6:15pm (TYD 0139)

GVPT889 Selected Topics in Area Problems in International Relations: International Relations of the Middle East; (3) REG/AUD.
0101 **(27947)** Telhami, S.
Tu 12:30pm-3:15pm (TYD 0145)

GVPT898 *(PermReq)* **Readings in Government and Politics; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GVPT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HEBR Hebrew
(Arts and Humanities)

For other courses, see JWST - Jewish Studies. Students who have no knowledge of Hebrew should register for HEBR 111 which will be offered in the fall. Students who have studied Hebrew elsewhere are required to contact Mrs. Levy.

HEBR112 Elementary Hebrew II; (6) REG/P-F/AUD. *Prerequisite: HEBR 111 or equivalent.*
0101 **(28082)** Levy, N.
MWF 11:00am-12:50pm (JMZ 1123)
0201 **(28083)** Liberman, R.
MWF 9:00am-10:50am (JMZ 2120)

HEBR212 Intermediate Hebrew II; (6) REG/P-F/AUD. *Prerequisite: HEBR 211 or permission of department.*
0101 **(28093)** Liberman, R.
MWF 11:00am-12:50pm (JMZ 0120)

HEBR298A Special Topics in Jewish Studies: Introduction to Classical Hebrew I; (3) REG/P-F/AUD.
0101 **(28103)** Knobloch, F.
TuTh 2:00pm-3:15pm (JMZ 1224)

HEBR314 Conversation and Composition II; (3) REG/P-F/AUD. *Prerequisite: HEBR 313 or equivalent.*
0101 **(28113)** Levy, N.
MW 9:00am-10:15am (JMZ 2102)

HEBR382 Readings in Hebrew Newspapers and Periodicals; (3) REG/P-F/AUD. *Prerequisite: HEBR 314 or permission of department.*
0101 **(28123)** Levy, N.
MW 1:00pm-2:15pm (JMZ 0120)

HEBR498I *(PermReq)* **Special Topics in Hebrew; (3)** REG/P-F/AUD.
0101 **(28133)** Levy, N.
Time and room to be arranged

HESP Hearing and Speech Sciences
(Behavioral and Social Sciences)

HESP120 Introduction to Linguistics; (3) REG/P-F/AUD. CORE: SB
0101 **(28183)** Arnold, M.
TuTh 8:00am-9:15am (LEF 2208)

HESP202 Introduction to Hearing and Speech Sciences; (3) REG/P-F/AUD. Course chairman: McCall.
0101 **(28193)** Lotto, K.
MWF 9:00am-9:50am (LEF 2205)

HESP300 Introduction to Psycholinguistics; (3) REG/P-F/AUD. *Prerequisite: HESP 202.*
0101 **(28203)** Ratner, N.
MWF 10:00am-10:50am (LEF 2208)

HESP311 Anatomy, Pathology and Physiology of the Auditory System; (3) REG/P-F/AUD. *Prerequisite: HESP 202.*
0101 **(28213)** Gordon-Salant, S.
TuTh 2:00pm-3:15pm (LEF 2208)

HESP386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

HESP400 Speech and Language Development in Children; (3) REG/P-F/AUD. *Prerequisite: HESP 300.*
0101 **(28237)** Roth, F.
TuTh 11:00am-12:15pm (LEF 2208)

HESP402 Speech Pathology I; (3) REG/P-F/AUD. *Prerequisite: HESP 300.*
0101 **(28247)** Roth, F.
TuTh 12:30pm-1:45pm (SQH 1119)

HESP403 Introduction to Phonetic Science; (3) REG/P-F/AUD. *Prerequisite: HESP 305.*
0101 **(28257)** Walker, M.
MWF 11:00am-11:50am (LEF 1222)

HESP404 Speech Pathology II; (3) REG/P-F/AUD. *Prerequisite: HESP 305.* Course chairman: McCall.
0101 **(28267)** McCall, G.
MWF 9:00am-9:50am (PLS 1130)

HESP407 Bases of Hearing Science; (3) REG/P-F/AUD. *Prerequisite: HESP 311.*
0101 **(28277)** Needleman, A.
W 3:00pm-5:30pm (LEF 2205)

HESP411 Introduction to Audiology; (3) REG/P-F/AUD. *Prerequisite: HESP 311.*
0101 **(28287)** Balfour, P.
Th 3:30pm-6:30pm (LEF 2205)

HESP418 *(PermReq)* **Clinical Practice in Speech-Language Pathology and Audiology; (3)** REG/P-F/AUD. Majors only. Course will be team taught by C. Worthington and M. McCabe.
0101 **(28297)** McCabe, M.
WF 12:00pm-12:50pm (LEF 0135)
Time and room to be arranged Lab

HESP498 *(PermReq)* **Seminar: Neurological Bases of Human Communication; (3)** REG/P-F/AUD.
0101 **(28307)** Haarmann, H.
M 3:30pm-6:00pm (LEF 1201)

HESP499 *(PermReq)* **Independent Study: Topics in the Hearing and Speech Sciences; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

HESP602 *(PermReq)* **Neurological Bases of Human Communication; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(28331)** Haarmann, H.
M 3:30pm-6:00pm (LEF 1201)

HESP610 Aphasia; (3) REG/AUD.
0101 **(28341)** Haarmann, H.
Tu 3:30pm-6:00pm (LEF 0135)

HESP620 Phonological and Articulatory Disorders; (3) REG/AUD.
0101 **(28351)** Ratner, N.
W 1:00pm-3:30pm (LEF 0135)

HESP622 *(PermReq)* **Neuromotor Disorders of Speech; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(28352)** Jenkins, T.
Th 4:30pm-7:00pm (LEF 0135)

HESP624 *(PermReq)* **Voice Disorders; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(28361)** McCall, G.
F 1:00pm-3:30pm (LEF 0135)

HESP626 Language and Learning Disabilities; (3) REG/AUD.
0101 **(28371)** Roth, F.
M 9:30am-12:00pm (LEF 0135)

HESP638 *(PermReq)* **Research Practicum; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HESP639 *(PermReq)* **Special Topics in Hearing and Speech Sciences: Noise Control Laboratory; (1)** REG.
0101 **(28389)** Danielson, R.
Th 3:30pm-6:00pm (Arranged)

HESP645 Pediatric Audiology; (3) REG/AUD. *Prerequisite: HESP 606 or permission of department.*
0101 **(28399)** Balfour, P.
Tu 3:30pm-6:00pm (LEF 0104A)

HESP648A *(PermReq)* **Clinical Practice in Speech: Diagnostic Procedures; (1)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only.

HESP648B *(PermReq)* **Clinical Practice in Speech: Therapeutic Procedures; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only.

HESP649A *(PermReq)* **Clinical Practice in Audiology: Diagnostic Audiology; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP649B *(PermReq)* **Clinical Practice in Audiology: Aural Rehabilitation; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP700 Hearing Aids; (3) REG/AUD.
0101 **(28423)** Balfour, P.
W 3:45pm-6:15pm (LEF 0135)

HESP708 *(PermReq)* **Independent Study; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HESP724 Research Design; (3) REG/AUD. *Prerequisite: a course in basic statistics.*
0101 **(28440)** Yeni-Komshian, G.
M 1:00pm-3:30pm (LEF 0135)

HESP728 *(PermReq)* **Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Ratner. Majors only.

HESP729 *(PermReq)* **Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

HESP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HISP Historic Preservation
(Architecture)

HISP619 Special Topics in Historic Preservation; (3) REG/AUD.
0101 **(28516)** Flack, J.
Time and room to be arranged

HISP619B Special Topics in Historic Preservation: Preservation Topics and Methods; (3) REG/AUD. This course will be held at the National Museum Bldg.
0101 **(28526)** Fogle, D.
Tu 6:30pm-8:30pm (ARC 1123)

HISP619C *(PermReq)* **Special Topics in Historic Preservation: Problems and Methods of Architectural Preservation; (3)** REG/AUD.
0101 **(51785)** Fogle, D.
Tu 6:30pm-9:00pm (Arranged)

HISP679 Measured Drawings for Historic Preservation; (3) REG/AUD. Also offered as ARCH 488.
0101 **(28536)** Capen, J.
W 7:00pm-9:40pm (ARC 1127)

HISP700 Final Seminar in Historic Preservation; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST History
(Arts and Humanities)

HIST111 The Medieval World; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 131.*
0101 **(28596)** Rutenburg, J.
TuTh 11:00am-12:15pm (KEY 0102)

HIST112 The Rise of the West: 1500 - 1789; (3) REG/P-F/AUD. CORE: HO *Formerly HIST 132.*
0101 **(28606)** Sutherland, D.
MW 1:00pm-1:50pm (KEY 0102)
M 12:00pm-12:50pm (KEY 0117) Dis
0102 **(28607)** Sutherland, D.
MW 1:00pm-1:50pm (KEY 0102)
Tu 11:00am-11:50am (ZOP 1234) Dis
0103 **(28608)** Sutherland, D.
MW 1:00pm-1:50pm (KEY 0102)
W 10:00am-10:50am (WDS 1127) Dis
0104 **(28609)** Sutherland, D.
MW 1:00pm-1:50pm (KEY 0102)
Tu 2:00pm-2:50pm (WDS 1130) Dis

HIST123 Sub-Saharan Africa Since 1800; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(28619)** Bravman, W.
MW 10:00am-10:50am (TYD 1102)
M 2:00pm-2:50pm (KEY 0117) Dis
0102 **(28620)** Bravman, W.
MW 10:00am-10:50am (TYD 1102)
Tu 1:00pm-1:50pm (ASY 3217) Dis
0103 **(28621)** Bravman, W.
MW 10:00am-10:50am (TYD 1102)
W 2:00pm-2:50pm (MMH 3418) Dis
0104 **(28622)** Bravman, W.
MW 10:00am-10:50am (TYD 1102)
Tu 9:00am-9:50am (JMZ 3203) Dis

HIST156 History of the United States to 1865; (3) REG/P-F/AUD. CORE: SH
0101 **(28632)** Hardwick, K.
TuTh 12:00pm-12:50pm (KEY 0106)
M 9:00am-9:50am (MMH 1304) Dis
0102 **(28633)** Hardwick, K.
TuTh 12:00pm-12:50pm (KEY 0106)
M 10:00am-10:50am (ARC 1123) Dis
0103 **(28634)** Hardwick, K.
TuTh 12:00pm-12:50pm (KEY 0106)
Tu 9:00am-9:50am (ARM 0118) Dis
0104 **(28635)** Hardwick, K.
TuTh 12:00pm-12:50pm (KEY 0106)
W 11:00am-11:50am (LEF 1220) Dis
0105 **(28636)** Hardwick, K.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 10:00am-10:50am (JMZ 0118) Dis
0106 **(28637)** Hardwick, K.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 2:00pm-2:50pm (ARM 0116) Dis
0107 **(28638)** Hardwick, K.
TuTh 12:00pm-12:50pm (KEY 0106)
F 9:00am-9:50am (KEY 0121) Dis
0108 **(28639)** Hardwick, K.
TuTh 12:00pm-12:50pm (KEY 0106)
F 12:00pm-12:50pm (KEY 0116) Dis
0201 **(28640)** Bradbury, M.
MW 10:00am-10:50am (KEY 0106)
M 11:00am-11:50am (LEF 1220) Dis
0202 **(28641)** Bradbury, M.
MW 10:00am-10:50am (KEY 0106)
M 1:00pm-1:50pm (TWS 0147) Dis
0203 **(28642)** Bradbury, M.
MW 10:00am-10:50am (KEY 0106)
Tu 10:00am-10:50am (ASY 3217) Dis
0204 **(28643)** Bradbury, M.
MW 10:00am-10:50am (KEY 0106)
Tu 12:00pm-12:50pm (COL 3114) Dis
0205 **(28644)** Bradbury, M.
MW 10:00am-10:50am (KEY 0106)
W 11:00am-11:50am (ARC 1105) Dis
0206 **(28645)** Bradbury, M.
MW 10:00am-10:50am (KEY 0106)
Th 10:00am-10:50am (JMP 1202) Dis
0207 **(28646)** Bradbury, M.
MW 10:00am-10:50am (KEY 0106)
Th 12:00pm-12:50pm (PLS 1168) Dis
0208 **(28647)** Bradbury, M.
MW 10:00am-10:50am (KEY 0106)
F 10:00am-10:50am (KEY 0121) Dis
0301 **(28648)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
M 9:00am-9:50am (ARC 1121) Dis
0302 **(28649)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
M 11:00am-11:50am (ARC 1121) Dis
0303 **(28650)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
Tu 10:00am-10:50am (ARM 0118) Dis
0304 **(28651)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
Tu 11:00am-11:50am (COL 3114) Dis
0305 **(28652)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
W 9:00am-9:50am (ZOP 1124) Dis
0306 **(28653)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
W 11:00am-11:50am (TWS 0138) Dis
0307 **(28654)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
Th 2:00pm-2:50pm (SQH 1121) Dis
0308 **(28655)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
F 9:00am-9:50am (SQH 1119) Dis
0309 **(28656)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
Tu 11:00am-11:50am (KEY 0121) Dis
0310 **(28657)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
W 11:00am-11:50am (COL 3112) Dis
0311 **(28658)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
Th 2:00pm-2:50pm (JMZ 1120) Dis
0312 **(28659)** Grimsted, D.
MW 2:00pm-2:50pm (KEY 0106)
F 9:00am-9:50am (JMZ 1120) Dis

HIST157 History of the United States Since 1865; (3) REG/P-F/AUD. CORE: SH
0101 **(28669)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
M 9:00am-9:50am (PLS 1117) Dis
0102 **(28670)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
M 11:00am-11:50am (COL 3112) Dis
0103 **(28671)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
M 12:00pm-12:50pm (DNC 1139B) Dis
0105 **(28673)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
Tu 12:00pm-12:50pm (JMZ 2123) Dis
0106 **(28674)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
W 10:00am-10:50am (ZOP 1124) Dis
0107 **(28675)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
W 11:00am-11:50am (SQH 1121) Dis
0108 **(28676)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
Th 12:00pm-12:50pm (COL 3114) Dis
0109 **(28677)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
Th 1:00pm-1:50pm (SYM 2109) Dis
0110 **(28678)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
Th 2:00pm-2:50pm (EGR 2112) Dis
0111 **(28679)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
F 11:00am-11:50am (KEY 0116) Dis
0112 **(28680)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
F 12:00pm-12:50pm (KEY 0117) Dis
0201 **(28681)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
M 10:00am-10:50am (LEF 1201) Dis
0202 **(28682)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (WDS 1127) Dis
0203 **(28683)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
M 2:00pm-2:50pm (KEY 0119) Dis
0204 **(28684)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
Tu 10:00am-10:50am (ARM 0120) Dis
0205 **(28685)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
Tu 11:00am-11:50am (COL 3110) Dis
0206 **(28686)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
Tu 1:00pm-1:50pm (JMZ 1226) Dis
0207 **(28687)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
W 9:00am-9:50am (PLS 1117) Dis
0208 **(28688)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
W 11:00am-11:50am (ZOP 1124) Dis
0209 **(28689)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
Th 9:00am-9:50am (JMZ 2125) Dis
0210 **(28690)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
Th 11:00am-11:50am (JMP 3104) Dis
0211 **(28691)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
F 9:00am-9:50am (ARM 0102) Dis
0212 **(28692)** Olson, K.
MW 12:00pm-12:50pm (KEY 0106)
F 10:00am-10:50am (COL 3111) Dis
0301 **(28693)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
M 9:00am-9:50am (PLS 1168) Dis
0302 **(28694)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
M 10:00am-10:50am (ARC 1121) Dis
0303 **(28695)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
M 12:00pm-12:50pm (ARM 0103) Dis
0304 **(28696)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
Tu 9:00am-9:50am (ASY 3217) Dis
0305 **(28697)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
Tu 12:00pm-12:50pm (KEY 0121) Dis
0306 **(28698)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
Tu 2:00pm-2:50pm (MMH 3418) Dis
0307 **(28699)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
W 10:00am-10:50am (LEF 1201) Dis
0308 **(28700)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
W 11:00am-11:50am (ZOP 1234) Dis
0309 **(28701)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
Th 9:00am-9:50am (ARM 0120) Dis
0310 **(28702)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
Th 2:00pm-2:50pm (PLS 1115) Dis
0311 **(28703)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
F 9:00am-9:50am (ASY 3211) Dis
0312 **(28704)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 0106)
F 1:00pm-1:50pm (COL 3110) Dis

HIST157+ History of the United States Since 1865; (3) REG/P-F/AUD. CORE: SH Restricted to College Park Scholars - Science, Technology, and Society and College Park Scholars - Science, Discovery, and the Universe.
0104 **(28705)** Hughes, M.
TuTh 10:00am-10:50am (KEY 0106)
M 5:00pm-6:00pm (CBD 1135) Dis

HIST157H History of the United States Since 1865; (3) REG/P-F/AUD. CORE: SH For general honors students only.
0101 **(28706)** Smead, E.
TuTh 1:00pm-1:50pm (KEY 1118)
Th 11:00am-11:50am (KEY 1118) Dis

HIST174 Introduction to the History of Science; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 200.*
0101 **(28714)** Genuth, J.
MW 12:00pm-12:50pm (JMZ 0220)
Tu 9:00am-9:50am (JMP 1202) Dis
0102 **(28715)** Genuth, J.
MW 12:00pm-12:50pm (JMZ 0220)
Tu 10:00am-10:50am (COL 3110) Dis
0103 **(28716)** Genuth, J.
MW 12:00pm-12:50pm (JMZ 0220)
Tu 11:00am-11:50am (ARM 0120) Dis
0104 **(28717)** Genuth, J.
MW 12:00pm-12:50pm (JMZ 0220)
Th 12:00pm-12:50pm (ARC 1123) Dis
0105 **(28718)** Genuth, J.
MW 12:00pm-12:50pm (JMZ 0220)
Th 1:00pm-1:50pm (JMZ 2120) Dis
0106 **(28719)** Genuth, J.
MW 12:00pm-12:50pm (JMZ 0220)
Th 2:00pm-2:50pm (CHM 0124) Dis
0107 **(28720)** Genuth, J.
MW 12:00pm-12:50pm (JMZ 0220)
F 9:00am-9:50am (MMH 1304) Dis
0108 **(28721)** Genuth, J.
MW 12:00pm-12:50pm (JMZ 0220)
F 10:00am-10:50am (ARM 0102) Dis

HIST211 Women in America Since 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as WMST 211. Credit will be granted for only one of the following: HIST 211 or WMST 211.*
0101 **(28731)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
M 9:00am-9:50am (ARC 1101) Dis
0102 **(28732)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
M 1:00pm-1:50pm (ASY 3217) Dis
0103 **(28733)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
Tu 9:00am-9:50am (COL 3110) Dis
0104 **(28734)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
Tu 10:00am-10:50am (EGR 2112) Dis
0105 **(28735)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
Tu 11:00am-11:50am (ARM 0118) Dis
0106 **(28736)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
W 9:00am-9:50am (ARC 1123) Dis
0107 **(28737)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
W 10:00am-10:50am (ARC 1123) Dis
0108 **(28738)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
Th 9:00am-9:50am (JMZ 2207) Dis

HIST219G Honors Seminar: From a City on a Hill to NATO on the Plain: The Rise and Fall of American Isolationism; (3) REG. CORE: SH
0101 **(28743)** Kaplan, L.
Tu 2:00pm-4:30pm (ANA 0103)

HIST219L Special Topics in History: American West in History and Imagination; (3) REG/P-F/AUD.
0101 **(28752)** Brooks, J.
MW 12:30pm-1:45pm (KEY 0103)

HIST219M Special Topics in History: Origins of Peace and Conflict in 20th Century Africa; (3) REG/P-F/AUD.
0101 **(28762)** STAFF
TuTh 12:30pm-1:45pm (SKN 0104)

HIST225 Modern Military History, 1815-Present; (3) REG/P-F/AUD.
0101 **(28772)** Sumida, J.
TuTh 10:00am-10:50am (KEY 0102)
M 10:00am-10:50am (ARC 1101) Dis
0102 **(28773)** Sumida, J.
TuTh 10:00am-10:50am (KEY 0102)
Tu 11:00am-11:50am (JMZ 2123) Dis
0103 **(28774)** Sumida, J.
TuTh 10:00am-10:50am (KEY 0102)
Th 11:00am-11:50am (JMZ 1104) Dis
0104 **(28775)** Sumida, J.
TuTh 10:00am-10:50am (KEY 0102)
M 2:00pm-2:50pm (KEY 0121) Dis

HIST234 History of Britain to 1485; (3) REG/P-F/AUD. CORE: SH
0101 **(28785)** Geddes, A.
MW 10:00am-10:50am (HJP 2242)
M 1:00pm-1:50pm (ARM 0105) Dis
0102 **(28786)** Geddes, A.
MW 10:00am-10:50am (HJP 2242)
Tu 10:00am-10:50am (JMZ 1103) Dis
0103 **(28787)** Geddes, A.
MW 10:00am-10:50am (HJP 2242)
W 2:00pm-2:50pm (WDS 1131) Dis
0104 **(28788)** Geddes, A.
MW 10:00am-10:50am (HJP 2242)
Tu 1:00pm-1:50pm (ARM 0110) Dis

HIST236 History of Britain 1688 to Present; (3) REG/P-F/AUD. CORE: SH
0101 **(28798)** Price, R.
MW 11:00am-11:50am (KEY 0102)
M 2:00pm-2:50pm (LEF 1220) Dis
0102 **(28799)** Price, R.
MW 11:00am-11:50am (KEY 0102)
Tu 1:00pm-1:50pm (ZOP 1232) Dis
0103 **(28800)** Price, R.
MW 11:00am-11:50am (KEY 0102)
W 9:00am-9:50am (ARC 1101) Dis
0104 **(28801)** Price, R.
MW 11:00am-11:50am (KEY 0102)
Tu 9:00am-9:50am (ARM 0119) Dis

HIST236H History of Britain 1688 to Present; (3) REG/P-F/AUD. CORE: SH For general honors students only.
0101 **(28811)** Price, R.
MW 11:00am-11:50am (KEY 0102)
M 2:00pm-2:50pm (WDS 1130) Dis

HIST237 Russian Civilization; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(28821)** Majeska, G.
MW 1:00pm-1:50pm (KEY 0106)
M 9:00am-9:50am (ASY 3217) Dis
0102 **(28822)** Majeska, G.
MW 1:00pm-1:50pm (KEY 0106)
M 10:00am-10:50am (ARM 0101) Dis
0103 **(28823)** Majeska, G.
MW 1:00pm-1:50pm (KEY 0106)
Tu 10:00am-10:50am (JMP 1202) Dis
0104 **(28824)** Majeska, G.
MW 1:00pm-1:50pm (KEY 0106)
Tu 12:00pm-12:50pm (JMZ 1104) Dis
0105 **(28825)** Majeska, G.
MW 1:00pm-1:50pm (KEY 0106)
W 10:00am-10:50am (ARC 1101) Dis

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

(HIST237 cont'd)

0106 **(28826)** Majeska, G.
MW 1:00pm-1:50pm (KEY 0106)
W 11:00am-11:50am (LEF 1201) Dis
0107 **(28827)** Majeska, G.
MW 1:00pm-1:50pm (KEY 0106)
Th 1:00pm-1:50pm (HBK 1116) Dis
0108 **(28828)** Majeska, G.
MW 1:00pm-1:50pm (KEY 0106)
Tu 2:00pm-2:50pm (JMZ 1120) Dis

HIST237H Russian Civilization; (3) REG/P-F/AUD. CORE: SH DIVERSITY For general honors students only.
0101 **(28838)** Majeska, G.
MW 1:00pm-1:50pm (KEY 0106)
M 11:00am-11:50am (WDS 1130) Dis

HIST251 Latin American History II; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(28848)** Wright, W.
MW 10:00am-10:50am (KEY 0102)
M 9:00am-9:50am (LEF 1201) Dis
0102 **(28849)** Wright, W.
MW 10:00am-10:50am (KEY 0102)
M 1:00pm-1:50pm (TLF 1101) Dis
0103 **(28850)** Wright, W.
MW 10:00am-10:50am (KEY 0102)
W 9:00am-9:50am (LEF 1201) Dis
0104 **(28851)** Wright, W.
MW 10:00am-10:50am (KEY 0102)
W 11:00am-11:50am (KEY 0123) Dis

HIST260 North Atlantic World (1550-1800); (3) REG/P-F/AUD. CORE: SH
0101 **(28861)** Olson, A.
TuTh 9:30am-10:45am (KEY 1117)

HIST265 Social and Cultural History of Modern America; (3) REG/P-F/AUD.
0101 **(28871)** Flack, J.
TuTh 11:00am-12:15pm (KEY 0125)

HIST281 The Rabbinic Movement: History and Culture; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as JWST 230. Credit will be granted for only one of the following: HIST 281 or JWST 230.*
0101 **(28881)** Lapin, H.
TuTh 12:30pm-1:45pm (KEY 0103)

HIST283 History of the Jewish People II; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as JWST 235. Credit will be granted for only one of the following: HIST 283 or JWST 235.*
0101 **(28891)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
M 10:00am-10:50am (PLS 1168) Dis
0102 **(28892)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
M 11:00am-11:50am (KEY 0123) Dis
0103 **(28893)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Tu 1:00pm-1:50pm (JMZ 2123) Dis
0104 **(28894)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
W 9:00am-9:50am (ASY 3217) Dis
0105 **(28895)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
W 11:00am-11:50am (ARM 0102) Dis
0106 **(28896)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Th 1:00pm-1:50pm (JMZ 2123) Dis
0107 **(28897)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Th 2:00pm-2:50pm (CHM 0122) Dis
0108 **(28898)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Tu 2:00pm-2:50pm (JMZ 2117) Dis

HIST283H History of the Jewish People II; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as JWST 235. Credit will be granted for only one of the following: HIST 283 or JWST 235.* For general honors students only.
0109 **(28908)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Tu 1:00pm-1:50pm (LEF 1221) Dis

HIST285 East Asian Civilization II; (3) REG/P-F/AUD. CORE: SH
0101 **(28918)** Lilley, C.
TuTh 12:30pm-1:45pm (KEY 0126)

HIST307 The Holocaust of European Jewry; (3) REG/P-F/AUD. *Also offered as JWST 345. Not open to students who have completed HIST 206. Credit will be granted for only one of the following: HIST 30~ or JWST 345. Formerly HIST 206.*
0101 **(28928)** Rozenblit, M.
MW 11:00am-11:50am (HJP 2242)
M 9:00am-9:50am (ARC 1123) Dis
0102 **(28929)** Rozenblit, M.
MW 11:00am-11:50am (HJP 2242)
Tu 11:00am-11:50am (JMZ 0103) Dis
0103 **(28930)** Rozenblit, M.
MW 11:00am-11:50am (HJP 2242)
W 9:00am-9:50am (COL 3111) Dis
0104 **(28931)** Rozenblit, M.
MW 11:00am-11:50am (HJP 2242)
Tu 2:00pm-2:50pm (KEY 0121) Dis

HIST309A Proseminar in Historical Writing: The World of Medieval Magic; (3) REG/P-F/AUD. CORE: CS
0101 **(28941)** Bedos-Rezak, B.
Tu 2:00pm-4:00pm (JMZ 1215)
Time and room to be arranged Dis

HIST309F Proseminar in Historical Writing: Modern Jewish History; (3) REG/P-F/AUD. CORE: CS Also offered as JWST 309.
0101 **(28951)** Rozenblit, M.
W 2:00pm-4:00pm (KEY 0119)
Time and room to be arranged Dis

HIST309G Proseminar in Historical Writing: Topics in Tudor-Stuart British History; (3) REG/P-F/AUD. CORE: CS
0101 **(28961)** Breslow, M.
Tu 10:00am-12:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309K Proseminar in Historical Writing: Race Relations in Latin American; (3) REG/P-F/AUD. CORE: CS
0101 **(28971)** Wright, W.
M 12:00pm-2:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309L Proseminar in Historical Writing: Early American History; (3) REG/P-F/AUD. CORE: CS
0101 **(28981)** Bradbury, M.
W 12:00pm-2:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309P Proseminar in Historical Writing: 20th Century African-American History; (3) REG/P-F/AUD. CORE: CS
0101 **(28991)** Moss, A.
M 2:00pm-4:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309Q Proseminar in Historical Writing: Politics and Society and the Mass Media; (3) REG/P-F/AUD. CORE: CS
0101 **(29001)** Hazell, J.
Th 12:00pm-2:00pm (KEY 0121)
Time and room to be arranged Dis

HIST312 Crisis and Change in the United States: The Changing Urban Scene; (3) REG/P-F/AUD.
0101 **(29011)** Flack, J.
TuTh 9:30am-10:45am (KEY 0126)

HIST314A Crisis and Change in the Middle East and Africa: Nationalism and Nation-Building in the Middle East; (3) REG/P-F/AUD. DIVERSITY
0101 **(29021)** Zilfi, M.
MW 11:00am-12:15pm (KEY 1117)

HIST319B Special Topics in History: Jews in the Early Modern Period; (3) REG/P-F/AUD. Also offered as JWST 419Y.
0101 **(29031)** Cooperman, B.
TuTh 2:00pm-3:15pm (KEY 0116)

HIST319C Special Topics in History: Biblical History and Culture; (3) REG/P-F/AUD. Also offered as JWST 324.
0101 **(29041)** Cohen, M.
MW 11:00am-12:15pm (TLF 2101)

HIST319E Special Topics in History: Women and the Civil Rights Movement; (3) REG/P-F/AUD. Also offered as WMST 498E.
0101 **(29051)** Barkley Brown, E.
MW 12:30pm-1:45pm (KEY 0126)

HIST325 Alexander the Great and the Hellenistic Age; (3) REG/P-F/AUD.
0101 **(29071)** Eckstein, A.
TuTh 9:30am-10:45am (KEY 0103)

HIST332 Europe During the Renaissance and Reformation I; (3) REG/P-F/AUD.
0101 **(29081)** STAFF
MW 2:00pm-3:15pm (KEY 0126)

HIST340 Eastern Europe under Communism; (3) REG/P-F/AUD.
0101 **(29091)** Lampe, J.
TuTh 2:00pm-3:15pm (KEY 0102)

HIST354 Ante-Bellum America 1815-1861; (3) REG/P-F/AUD. *Recommended: HIST 156 or HIST 210. Credit will be granted for only one of the following: HIST 354 or HIST 363.*
0101 **(29101)** Henretta, J.
TuTh 12:30pm-1:45pm (KEY 0116)

HIST357 Recent America: 1945-Present; (3) REG/P-F/AUD. *Recommended: HIST 15~ or HIST 356. Credit will be granted for only one of the following: HIST 35~ or HIST 36~.*
0101 **(29111)** Smead, E.
MW 2:00pm-3:15pm (KEY 0116)

HIST370 Jews and Judaism in Antiquity I: Sixth Century BCE through the First Century CE; (3) REG/P-F/AUD. *Also offered as JWST 325. Credit will be granted for only one of the following: HIST 3~0 or JWST 325.*
0101 **(29121)** Lapin, H.
TuTh 9:30am-10:45am (HBK 0123)

HIST386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(29131)** Flack, J.
Time and room to be arranged

HIST396 Honors Colloquium II; (3) REG/P-F/AUD. CORE: CS *Prerequisite: HIST 395 or permission of department. For HIST majors only.*
0101 **(29141)** Brooks, J.
W 3:30pm-6:00pm (KEY 1118)
Time and room to be arranged Dis

HIST398 *(PermReq)* **Honors Thesis; (3)** REG/P-F/AUD.
0101 **(29151)** Eckstein, A.
Time and room to be arranged

HIST402 The Development of Modern Physical Science: From Newton to Einstein; (3) REG/P-F/AUD. *Prerequisites: MATH 110; and PHYS 112 or PHYS 11~ or equivalent.*
0101 **(29161)** Brush, S.
MW 2:00pm-3:15pm (CHM 0122)

HIST403 20th Century Revolutions in the Physical Sciences; (3) REG/P-F/AUD. *Prerequisites: MATH 110 or equivalent and six credits of college-level physics.*
0101 **(29171)** Kojevnikov, A.
TuTh 12:30pm-1:45pm (EGR 0135)

HIST404 History of Modern Biology; (3) REG/P-F/AUD. Also offered as PHIL 458F.
0101 **(29181)** Darden, L.
Tu 5:00pm-7:30pm (KEY 0116)

HIST407 Technology and Social Change in History; (3) REG/P-F/AUD. *Students with HIST 40~ prior to Fall Semester 1989 must have permission of department to enroll in this course.*
0101 **(29191)** Sicilia, D.
MW 2:00pm-3:15pm (KEY 1117)

HIST415 History of European Ideas II; (3) REG/P-F/AUD.
0101 **(29201)** Wetzell, R.
MW 2:00pm-3:15pm (KEY 0103)

HIST419J Special Topics in History: Readings in Modern Strategic Theory; (3) REG/P-F/AUD.
0101 **(29211)** Sumida, J.
TuTh 2:00pm-3:15pm (KEY 0124)

HIST419L Special Topics in History: Environmental History; (3) REG/P-F/AUD.
0101 **(29221)** Friedel, R.
TuTh 12:30pm-1:45pm (KEY 1117)

HIST419S Special Topics in History: Development of Modern Korea; (3) REG/P-F/AUD.
0101 **(29222)** Quinones, K.
Tu 2:00pm-4:00pm (KEY 0103)
Time and room to be arranged Dis

HIST419W Special Topics in History: Cultural Construction of Passion: History of Sexuality in America; (3) REG/P-F/AUD.
0101 **(29231)** Lyons, C.
TuTh 9:30am-10:45am (KEY 0121)

HIST419X Special Topics in History: Gender and Power in Latin America; (3) REG/P-F/AUD.
0101 **(29241)** Nishida, M.
W 3:30pm-6:00pm (KEY 0107)

HIST423 Byzantine Empire II; (3) REG/P-F/AUD.
0101 **(29251)** Majeska, G.
MWF 10:00am-10:50am (KEY 1117)

HIST455 Constitutional History of the United States: Since 1860; (3) REG/P-F/AUD.
0101 **(29261)** Belz, H.
TuTh 9:30am-10:45am (KEY 0116)

HIST457 History of American Culture and Ideas Since 1865; (3) REG/P-F/AUD.
0101 **(29271)** Grimsted, D.
MWF 10:00am-10:50am (LEF 1222)

HIST473 History of the Caribbean; (3) REG/P-F/AUD. DIVERSITY
0101 **(29291)** Palmie, S.
TuTh 11:00am-12:15pm (KEY 0116)

HIST481 A History of Modern China; (3) REG/P-F/AUD.
0101 **(29301)** Lilley, C.
TuTh 9:30am-10:45am (JRN 1105)

HIST483 History of Japan Since 1800; (3) REG/P-F/AUD.
0101 **(29312)** Mayo, M.
TuTh 11:00am-12:15pm (KEY 1117)

HIST493 Victorian Women in England, France, and the United States; (3) REG/P-F/AUD. DIVERSITY Also offered as WMST 498F.
0101 **(29321)** Gullickson, G.
TuTh 11:00am-12:15pm (KEY 2119)

HIST495 Women in Medieval Culture and Society; (3) REG/P-F/AUD. DIVERSITY
0101 **(29331)** Bedos-Rezak, B.
TuTh 9:30am-10:45am (LEF 1221)

HIST499 Independent Study; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST601 Methods in Historical Research; (3) REG/AUD.
0101 **(29389)** Gullickson, G.
Th 3:30pm-6:00pm (KEY 2119)

HIST602 General Seminar: American History; (3) REG/AUD.
0101 **(29399)** Henretta, J.
Th 3:30pm-6:00pm (KEY 0107)

HIST619A Special Topics in History: Readings in African History; (3) REG/AUD.
0101 **(29409)** Bravman, W.
M 1:00pm-3:30pm (KEY 3111)

HIST619B *(PermReq)* **Special Topics in History: Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST619C Special Topics in History: African-American History; (3) REG/AUD.
0101 **(29756)** Moss, A.
W 2:00pm-4:00pm (KEY 2119)

HIST619E Special Topics in History: Culture and Colonialism; (3) REG/AUD.
0101 **(29466)** Palmie, S.
Tu 3:30pm-6:00pm (KEY 1118)

HIST619P Special Topics in History: Readings in Modern Naval History; (3) REG/AUD.
0101 **(29476)** Sumida, J.
Time and room to be arranged

HIST619S Special Topics in History: Current Research in History of Philosophy and Science and Technology; (1) REG/AUD. Also offered as PHIL 688S.
0101 **(29486)** Brush, S.
Th 3:00pm-3:50pm (ZOP 1234)

HIST629 Readings in the American Revolution and the Formative Period; (3) REG/AUD.
0101 **(29496)** Lyons, C.
Tu 1:00pm-3:30pm (KEY 3111)

HIST648 Readings in Recent American History; (3) REG/AUD.
0101 **(29506)** Sicilia, D.
M 3:30pm-6:00pm (KEY 1118)

HIST658 Readings in American Constitutional History; (3) REG/AUD.
0101 **(29516)** Belz, H.
Th 3:30pm-6:00pm (KEY 3111)

HIST729 Readings in Modern European History; (3) REG/AUD.
0101 **(29526)** Wetzell, R.
W 3:30pm-6:00pm (KEY 3111)

HIST739 Readings in the History of Great Britain; (3) REG/AUD.
0101 **(29536)** Price, R.
M 3:30pm-6:00pm (KEY 3111)

HIST799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

HIST808 Seminar in the History of Science and Technology; (3) REG/AUD.
0101 **(29603)** Friedel, R.
Tu 3:30pm-6:00pm (KEY 2119)

HIST809 Seminar in the History of Women; (3) REG/AUD.
0101 **(29613)** Muncy, R.
M 1:00pm-3:30pm (KEY 2119)

HIST819A Special Topics in History: Independent Research; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST848 Seminar in Modern European History; (3) REG/AUD.
0101 **(29679)** Sutherland, D.
M 3:30pm-6:00pm (KEY 2119)

HIST878 Seminar in Colonial American History; (3) REG/AUD.
0101 **(29689)** Olson, A.
Tu 1:00pm-3:30pm (KEY 2119)

HIST899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HLHP Health and Human Performance
(Health and Human Performance)

HLHP386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. Formerly PERH 386.* Contact the Center on Aging.
0101 **(29805)** Wilson, L.
Time and room to be arranged
0201 **(29806)** Hyde, D.
Time and room to be arranged

HLHP688 *(PermReq)* **Field Work in Aging; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH Health
(Health and Human Performance)

HLTH105 Science and Theory of Health; (2) REG/P-F/AUD.
0101 **(29867)** Porter, A.
MW 11:00am-11:50am (HHP 1302)

HLTH106 Drug Use and Abuse; (3) REG/P-F/AUD.
0101 **(29877)** Pinciaro, P.
TuTh 12:30pm-1:45pm (HHP 1312)
0201 **(29878)** Pinciaro, P.
TuTh 11:00am-12:15pm (HHP 0302)

HLTH140 Personal and Community Health; (3) REG/P-F/AUD.
0101 **(29888)** Guenther, D.
MWF 9:00am-9:50am (HHP 1303)
0201 **(29889)** Clearwater, H.
MWF 10:00am-10:50am (HHP 1303)
0301 **(29890)** Clearwater, H.
MWF 11:00am-11:50am (HHP 1303)
0401 **(29891)** Spies, J.
TuTh 9:30am-10:45am (HHP 0307)
0501 **(29892)** Hallmark, M.
TuTh 11:00am-12:15pm (HHP 1301)
0601 **(29893)** Torchia, T.
TuTh 12:30pm-1:45pm (HHP 0306)

HLTH150 First Aid and Emergency Medical Services; (2) REG/P-F/AUD.
0101 **(29903)** Milstein, S.
Tu 8:00am-9:45am (HHP 0302)
0201 **(29904)** Milstein, S.
Th 8:00am-9:45am (HHP 0302)

HLTH230 Introduction to Health Behavior; (3) REG/P-F/AUD.
0101 **(29914)** Simson, S.
MWF 12:00pm-12:50pm (HHP 1301)

HLTH285 Controlling Stress and Tension; (3) REG/P-F/AUD.
0101 **(29924)** Brown, S.
MWF 11:00am-11:50am (HHP 1312)
0201 **(29925)** Greenberg, J.
MW 2:00pm-3:15pm (HHP 1303)
Section 0201 includes a service learning component, learning will be enhanced by students applying knowledge and skills learned in class to people in need of this expertise. In turn, people in need will benefit from this service.
0301 **(29926)** Hyde, D.
TuTh 12:30pm-1:45pm (HHP 1303)
0401 **(29927)** Schiraldi, G.
MWF 9:00am-9:50am (HHP 1302)
0501 **(29928)** Spalding, T.
TuTh 2:00pm-3:15pm (HHP 1303)

HLTH289 Topical Investigations; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH371 Communicating Safety and Health; (3) REG/P-F/AUD.
0101 **(29956)** Ko, M.
TuTh 11:00am-12:15pm (HHP 0305)

HLTH377 Human Sexuality; (3) REG/P-F/AUD. *Formerly HLTH 4~~.*
0101 **(29966)** Sawyer, R.
TuTh 11:00am-12:15pm (HHP 1312)
0201 **(29967)** Pinciaro, P.
MW 2:00pm-3:15pm (HHP 1312)

HLTH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

HLTH389 Topical Investigations; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH391 *(PermReq)* **Introduction to Community Health; (3)** REG/P-F/AUD. *Prerequisites: HLTH 140 and HLTH 230.*
0101 **(30063)** Richmond, B.
TuTh 9:30am-10:45am (HHP 1301)

CORE Codes ... CS - Capstone **HL** - Humanities and the Arts, Literature **HA** - Humanities and the Arts, History or Theory of the Arts
HO - Humanities and the Arts, Humanities **PS** - Mathematics and the Sciences, Physical Sciences (Non-Lab)
PL - Mathematics and the Sciences, Physical Sciences (Lab)

HLTH420 *(PermReq)* **Methods and Materials in Health Education; (3)** REG/P-F/AUD. *Prerequisites: HLTH 105 or HLTH 140.*
0101 **(30073)** Sawyer, R.
TuTh 2:00pm-3:15pm (HHP 1301)
0201 **(30074)** Gilbert, G.
Tu 4:00pm-6:45pm (HHP 1303)

HLTH430 Health Education in the Workplace; (3) REG/AUD.
0101 **(30084)** Feldman, R.
Tu 4:00pm-6:45pm (HHP 1302)

HLTH437 Consumer Behavior; (3) REG/P-F/AUD. *Prerequisites: PSYC 100; and SOCY 100. Credit will be granted for only one of the following: CNEC 437 or HLTH 437.*
0101 **(30094)** Ko, M.
TuTh 12:30pm-1:45pm (HHP 1302)

HLTH450 Health of Children and Youth; (3) REG/P-F/AUD.
0101 **(30104)** Reynolds, M.
TuTh 11:00am-12:15pm (HHP 1302)

HLTH471 Women's Health; (3) REG/P-F/AUD. DIVERSITY *Also offered as WMST 471. Credit will be granted for only one of the following: HLTH 471 or WMST 471.*
0101 **(30114)** Schulken, E.
TuTh 9:30am-10:45am (HHP 1302)
0201 **(30115)** Reynolds, M.
MW 12:00pm-1:15pm (HHP 1312)
0301 **(30116)** Reynolds, M.
TuTh 12:30pm-1:45pm (HHP 1301)

HLTH476 Death Education; (3) REG/P-F/AUD.
0101 **(30126)** Leviton, D.
TuTh 2:00pm-3:15pm (HHP 1312)

HLTH485 Ways of Knowing About Human Stress and Tension; (3) REG. *Prerequisite: HLTH 285. Not open to students who have completed HLTH 498T.* Student must present unofficial transcript to instructor on the first day of classes. Juniors and seniors only.
0101 **(30136)** Schiraldi, G.
M 4:00pm-6:45pm (HHP 0305)

HLTH486 Stress and the Healthy Mind; (3) REG/P-F/AUD. *Prerequisite: HLTH 285. For HLTH majors only.*
0101 **(30146)** Schiraldi, G.
TuTh 4:00pm-5:15pm (HHP 0305)

HLTH487 Adult Health and Developmental Program; (3) REG/P-F/AUD. First class meeting: January 31 from 9am-1:30pm. Remainder of classes: 8:30am-1:30pm. All students must attend the first training session.
0101 **(30156)** Leviton, D.
Sa 9:00am-1:30pm (SSU 2111)

HLTH489 *(PermReq)* **Field Laboratory Projects and Workshop; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH491 Community Health Internship; (12) S-F. *Prerequisite: HLTH 490. For community health majors only.*
0101 **(30184)** Simson, S.
Time and room to be arranged

HLTH498S *(PermReq)* **Special Topics in Health; (3)** REG/P-F/AUD.
0101 **(30185)** Greenberg, J.
Time and room to be arranged

HLTH650 Health Problems in Guidance; (3) REG/AUD. This course includes a service learning component; learning will be enhanced by students applying knowledge and skills learned in the class to people in need of this expertise. In turn, people in need will benefit from this service.
0101 **(30194)** Greenberg, J.
M 4:00pm-6:45pm (HHP 1302)

HLTH666 Health Behavior II; (3) REG/AUD. *Prerequisite: HLTH 665.*
0101 **(30204)** Feldman, R.
W 4:00pm-6:30pm (HHP 0301)

HLTH688 *(PermReq)* **Special Problems in Health Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH688L Special Problems in Health Education: Applied Health Policy; (3) REG/AUD.
0101 **(30232)** Meiners, M.
M 4:00pm-6:45pm (HHP 0301)

HLTH688S Special Problems in Health Education: Theory and Practice of Stress Management; (3) REG.
0101 **(30242)** Spalding, T.
M 4:00pm-6:45pm (HHP 0303)

HLTH688W Special Problems in Health Education: Professional Writing and Presentations; (3) REG/AUD.
0101 **(30252)** McCardle, P.
W 7:00pm-9:45pm (HHP 0301)

HLTH711 Advanced Research Methods in Health; (3) REG/AUD. *Prerequisite: HLTH 710.*
0101 **(30262)** Pinciaro, P.
Th 4:00pm-6:45pm (HHP 0303)

HLTH760 Public Health; (3) REG/AUD.
0101 **(30272)** Schulken, E.
W 4:00pm-6:45pm (HHP 0302)

HLTH775 *(PermReq)* **Health Education Program Planning and Evaluation; (3)** REG/AUD. *Prerequisites: HLTH 710 and permission of department.*
0101 **(30282)** Beck, K.
Th 4:00pm-6:45pm (HHP 1301)

HLTH785 *(PermReq)* **Internship in Health Education; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: {HLTH 665; and HLTH 775; and HLTH 780}; or permission of department.*

HLTH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

HLTH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

HONR Honors (Undergraduate Studies)

HONR169Z Honors Seminar: Knowledge and Its Human Implications; (3) REG. CORE: HO Approved for CORE Distributive Studies: Humanities {HO}; Behavioral and Social Sciences {SB}, Life Sciences, non-lab {LS}; Physical Sciences, non-lab {PS}; and Mathematics and Formal Reasoning, non-lab {MS}. Students may count HONR 169Z toward only ONE of the approved categories. Students should contact the University Honors Program for details.
0101 **(30389)** O'Sullivan, S.
M 3:00pm-3:50pm (ZOP 1250)
TuTh 12:30pm-1:45pm (ASY 3219) Dis
0102 **(30390)** Staudt, K.
M 3:00pm-3:50pm (ZOP 1250)
MWF 10:00am-10:50am (ANA 0103) Dis
0103 **(30391)** Etlin, R.
M 3:00pm-3:50pm (ZOP 1250)
TuTh 2:00pm-3:15pm (ARC 1123) Dis
0104 **(30392)** Flieger, V.
M 3:00pm-3:50pm (ZOP 1250)
TuTh 9:30am-10:45am (ANA 0103) Dis

HONR200 Honors Research Colloquium; (1) REG. *Prerequisite: permission of University Honors Program. Recommended for students in their second semester. All others should meet with the Honors Advisor.* Course is offered in the spring semester only.
0101 **(30402)** Airozo, J.
M 3:30pm-5:00pm (ANA 0103)
0201 **(30403)** Airozo, J.
M 3:30pm-5:00pm (ANA 0100)
0301 **(30404)** Airozo, J.
W 2:00pm-3:30pm (ANA 0100)
0401 **(30405)** Airozo, J.
Th 2:00pm-3:30pm (ANA 0103)
0501 **(30406)** Airozo, J.
F 10:00am-11:30am (ANA 0100)

HONR218A Honors Seminar: In Search of Ancient Astronomies; (3) REG. CORE: HO DIVERSITY
0101 **(30416)** Carlson, J.
W 6:30pm-9:00pm (ANA 0120)
0102 **(30417)** Carlson, J.
Tu 6:30pm-9:00pm (ANA 0120)

HONR218M Honors Seminar: The Search for an American Architecture; (3) REG.
0101 **(30418)** Lewis, D.
W 5:00pm-7:30pm (ARC 1121)

HONR228X Honors Seminar: Awesome Science and Pathological Science; (3) REG. CORE: PS
0101 **(30427)** Tossell, J.
TuTh 12:30pm-1:45pm (MTH 1308)

HONR238A Honors Seminar: The World of the Dead Sea Scrolls; (3) REG. CORE: HO
0101 **(30437)** Cohen, M.
W 1:30pm-4:00pm (ANA 0103)

HONR238B Honors Seminar: Images of Masculinity in Twentieth Century American Literature and Film; (3) REG. CORE: HL
0101 **(30447)** O'Sullivan, S.
TuTh 12:30pm-1:45pm (JMZ 0105)

HONR238C Honors Seminar: Western World Literature, Renaissance to the Present; (3) REG. CORE: HL
0101 **(30457)** Howard, J.
MW 2:00pm-3:15pm (SQH 2121)

HONR238D Honors Seminar: Nineteenth and Twentieth Century English Literature; (3) REG. CORE: HL
0101 **(30467)** Peterson, W.
TuTh 11:00am-12:15pm (LEF 1201)

HONR238G Honors Seminar: Thanatos: The Many Meanings of Death; (3) REG. CORE: HO
0101 **(30477)** Fertziger, A.
W 2:00pm-4:30pm (ANA 0120)

HONR238L Honors Seminar: The Mind and Language; (3) REG. CORE: HO
0101 **(30487)** Turner, M.
MW 9:30am-10:45am (SQH 1119)

HONR238U Honors Seminar: The Spiritual Heritage of the Human Race; (3) REG. CORE: HO
0101 **(30497)** Bushrui, S.
W 12:30pm-3:00pm (KEY 0117)

HONR238Z Honors Seminar: Understanding the World through Reading; (3) REG. CORE: HL
0101 **(30507)** Freedman, M.
Tu 4:00pm-6:30pm (ANA 0120)

HONR239C Honors Seminar: The Creative Process in Dance; (3) REG. CORE: HA DIVERSITY
0101 **(30517)** Warren, A.
TuTh 11:00am-12:15pm (ANA 0120)

HONR239N Honors Seminar: The Black Experience in American Drama; (3) REG. CORE: HL DIVERSITY
0101 **(30527)** Gray, C.
Th 2:00pm-4:30pm (KEY 1117)

HONR248C Honors Seminar: Economic, Political and Social Developments in Former Soviet Block; (3) REG. CORE: SB
0101 **(30537)** Murrell, P.
TuTh 9:30am-10:45am (ANA 0100)

HONR248D Honors Seminar: International Perspectives in Education; (3) REG. DIVERSITY
0101 **(30547)** Greenberg, J.
Tu 1:00pm-3:45pm (EDU 2102)

HONR248L Honors Seminar: Conflict, Cooperation, and Strategy; (3) REG. CORE: SB
0101 **(30567)** Schelling, T.
MW 11:00am-12:15pm (ANA 0103)

HONR248Q Honors Seminar: Responsibility and Irresponsibility and the News Media; (3) REG. CORE: SB
0101 **(30577)** Stepp, C.
Tu 1:00pm-4:00pm (LEF 1220)

HONR248W Honors Seminar: America in the 1960's; (3) REG. CORE: SH
0101 **(30587)** Newman, J.
Tu 12:30pm-3:00pm (ANA 0120)

HONR249I Honors Seminar: The Examined Life; (3) REG. CORE: SB
0101 **(30597)** Burt, J.
Tu 7:00pm-9:00pm (HHP 3310E)

HONR249O Honors Seminar: Leadership in Contemporary Organizations; (3) REG.
0101 **(30607)** Napolitano, C.
M 3:30pm-6:15pm (ANA 0120)

HONR249R Honors Seminar: Global Environmental Change; (3) REG. CORE: SB
0101 **(30617)** Wexler, P.
TuTh 5:00pm-6:15pm (SQH 1121)

HONR249S Honors Seminar: The United States in Vietnam: A Crossroads in American Society; (3) REG. CORE: SH
0101 **(30627)** Hammond, W.
Th 5:00pm-7:30pm (ANA 0103)

HONR249V Honors Seminar: Lawyers and the Adversary System; (3) REG. CORE: HO
0101 **(30637)** Pavela, G.
M 1:00pm-3:40pm (TYD 1128)

HONR249Y Honors Seminar: Social and Political Movements; (3) REG. CORE: SB
0101 **(30647)** Crawford, S.
Tu 6:00pm-8:30pm (ANA 0100)

HONR258C Honors Seminar: Silence and Art; (3) REG. CORE: HA
0101 **(30657)** Retallack, J.
Th 2:00pm-4:30pm (ANA 0120)

HONR259C Honors Seminar: Fearfully Great Lizards: Topics in Dinosaur Research; (3) REG. CORE: PS
0101 **(30667)** Holtz, T.
MWF 10:00am-10:50am (PLS 1162)

HONR259D Honors Seminar: Understanding the Japanese Through the Performing Arts; (3) REG. CORE: HA DIVERSITY
0101 **(30677)** Yoshikami, M.
TuTh 3:30pm-4:45pm (ANA 0100)

HONR259K Honors Seminar: From a City on a Hill to NATO on the Plain: The Rise and Fall of American Isolationism; (3) REG. CORE: SH
0101 **(30687)** Kaplan, L.
Tu 2:00pm-4:30pm (ANA 0103)

HONR259M Honors Seminar: The Science in Science Fiction; (3) REG/P-F/AUD. CORE: PS
0101 **(30697)** Theison, D.
MW 12:30pm-1:45pm (CSS 2416)

HONR259S Honors Seminar: The Body and Literature; (3) REG. CORE: HL
0101 **(30707)** O'Sullivan, S.
TuTh 2:00pm-3:15pm (JMZ 3203)

HONR268J Honors Seminar: Religion and Progress: Islamic Science, Politics, and Economics; (3) REG. CORE: HO DIVERSITY
0101 **(30717)** Ahmad, I.
W 6:00pm-8:30pm (ANA 0103)

HONR269C Honors Seminar: Mythology; (3) REG. CORE: HO
0101 **(30727)** Urubshurow, V.
Tu 6:00pm-8:30pm (ANA 0103)

HONR269I Honors Seminar: Immigrant Voices; (3) REG. CORE: HO DIVERSITY
0101 **(30737)** Isaacs, M.
TuTh 2:00pm-3:15pm (WDS 1131)

HONR269J Honors Seminar: The Beat Begins: American Culture in the 1950's; (3) REG. CORE: HO
0101 **(30747)** Losin, P.
Th 6:00pm-8:30pm (ANA 0120)

HONR269L Honors Seminar: Hinduism: Karma, Dharma, Caste, Sects, and Symbols; (3) REG. CORE: HO DIVERSITY
0101 **(30757)** Hebbar, B.
TuTh 2:00pm-3:15pm (ANA 0100)

HONR269O Honors Seminar: Judging the Social Sciences; (3) REG. CORE: SB
0101 **(30758)** Brannigan, V.
Tu 3:30pm-6:00pm (Arranged)

HONR269T Honors Seminar: Understanding Nationalism: State Building and the Politics of Identity; (3) REG. CORE: SB
0101 **(30767)** Kestnbaum, M.
Tu 3:00pm-5:30pm (WDS 0104)

HONR278K Honors Seminar: Discoveries that have Shaped Technology in the 20th C: Ramifications in Chemical and Biomedical Sciences; (3) REG. CORE: LS
0101 **(30777)** DeShong, P.
TuTh 2:00pm-3:15pm (MTH 0201)

HONR278S Honors Seminar: Frontiers in Genetics; (3) REG. CORE: LS
0101 **(30787)** Mount, S.
TuTh 11:00am-12:15pm (HJP 1229)

HONR278T Honors Seminar: Evolution and Adaptation in Humans; (3) REG. CORE: SB
0101 **(30797)** Borgia, G.
Th 1:00pm-4:30pm (ZOP 1230)

HONR278U Honors Seminar: Richard M. Nixon and His Presidency; (3) REG. CORE: SH
0101 **(30807)** Olson, K.
MW 9:30am-10:45am (KEY 0121)

HONR278V Honors Seminar: Who Will I Be At Age 65?: Being Aged In Cross Cultural Perspective; (3) REG. CORE: SB
0101 **(30817)** Freidenberg, J.
MW 11:00am-12:15pm (WDS 0104)

HONR278W Honors Seminar: Mind and Brain: At the Interface of Neural Systems and Cognition; (3) REG. CORE: SB
0101 **(30827)** Moss, C.
TuTh 1:00pm-2:15pm (ZOP 1234)

HONR278X Honors Seminar: Free Will, Determinism, and Moral Responsibility in Western Thought; (3) REG. CORE: HO
0101 **(30837)** Manekin, C.
MW 12:30pm-1:45pm (SKN 1116)

HONR278Y Honors Seminar: Political Behavior; (3) REG.
0101 **(30847)** Swistak, P.
MW 9:30am-10:45am (TYD 1108)

HONR278Z Honors Seminar: The Problem of Evil; (3) REG. CORE: HO
0101 **(30857)** Etlin, R.
TuTh 9:30am-10:45am (ANA 0120)

HONR279A Honors Seminar: Games, Game Theory, and Theory of Games; (3) REG. CORE: MS
0101 **(30867)** Kruskal, C.
TuTh 2:00pm-3:15pm (CSS 2428)

HONR279B Honors Seminar: The Evolution of Diseases; (3) REG. CORE: LS
0101 **(30877)** Chao, L.
Tu 2:00pm-4:30pm (PLS 1158)

HONR279C Honors Seminar: Literature and Film of Extreme Situations; (3) REG. CORE: HL
0101 **(30887)** Norman, H.
M 2:00pm-4:00pm (SQH 2120)
W 2:00pm-3:30pm (SQH 2120) Dis

HONR279D Honors Seminar: From Fiction to Film: Film Adaptations of Novels; (3) REG. CORE: HA
0101 **(30897)** Brown, J.
TuTh 2:00pm-3:15pm (SKN 1112)

HONR279E Honors Seminar: Management, Behavior and Ethics Across Cultures; (3) REG. CORE: SB
0101 **(30907)** Gannon, M.
TuTh 9:30am-10:45am (TYD 1128)

HONR279F Honors Seminar: Mozart and Beethoven: Music, Rebellion, and the Will to Make a New World; (3) REG. CORE: HA
0101 **(30917)** Fallon, D.
MW 12:30pm-1:45pm (ANA 0120)

HONR279G Honors Seminar: Biological Bases of Mental Illness; (3) REG. CORE: SB
0101 **(30927)** Brauth, S.
TuTh 9:30am-10:45am (ZOP 1124)

HONR279I Honors Seminar: History of Alphabets: Hebrew, Arabic, Greek, Russian, and English; (3) REG. CORE: HO
0101 **(30937)** Fradkin, R.
TuTh 11:00am-12:15pm (JMZ 1124)

HONR279J Honors Seminar: Russia: Let History Judge; (3) REG. CORE: SB
0101 **(51721)** Dawisha, K.
Tu 2:00pm-4:30pm (TYD 1108)

HONR279K Honors Seminar: Behind the Scenes: Performing Arts; (3) REG. CORE: HA
0101 **(31002)** Feinstein, M.
TuTh 2:00pm-3:15pm (LEF 1221)

HONR279L Honors Seminar: Science and Technology as Themes in Literature; (3) REG. CORE: HL
0101 **(30939)** Wallace, J.
TuTh 9:30am-10:45am (EGR 1110)

HONR279M Honors Seminar: The Many Faces of Globalization; (3) REG.
0101 **(30943)** Grant-Wisdom, D.
W 11:00am-1:30pm (TYD 1101)

HONR279N Honors Seminar: Imagining Cities: New York, Los Angeles, and Cyber-Space; (3) REG. CORE: HO
0101 **(51727)** Lounsbury, M.
Th 2:00pm-4:45pm (TLF 2137)

HONR279O Honors Seminar: Biotechnology and Society; (3) REG. CORE: LS
0101 **(30941)** Ma, M.
Tu 3:30pm-5:00pm (PLS 1162)

HONR279P Honors Seminar: Understanding and Coping with Stress; (3) REG.
0101 **(31001)** Hyde, D.
W 4:00pm-7:00pm (HHP 0305)

HONR279Q Honors Seminar: Ethics in Journalism; (3) REG. CORE: HO
0101 **(30938)** Robertson, N.
TuTh 2:00pm-3:15pm (TLF 2101)

HONR279R Honors Seminar: Art Making in the Global Village; (3) REG. CORE: HA DIVERSITY
0101 **(30942)** Demonte, C.
W 3:00pm-5:30pm (ASY 3203)

HONR279S Honors Seminar: The Science of Color; (3) REG. CORE: PS
0101 **(51726)** Harwood, W.
MWF 11:00am-11:50am (PLS 1162)

HONR328Q Advanced Honors Seminar: Archaeological Theories, Methods, and Practice; (3) REG.
0101 **(30940)** Winter, F.
TuTh 2:00pm-3:15pm (ASY 3211)

HONR348J Advanced Honors Seminar: Contemporary Social Issues; (3) REG.
0101 **(30947)** Smead, E.
M 10:00am-12:30pm (ANA 0120)

HONR359A Honors Workshop: Writing Workshop; (3) S-F.
0101 **(30967)** Retallack, J.
Th 5:30pm-8:30pm (ANA 0100)

HONR378D Advanced Honors Seminar: Reading and Writing about Grief and Loss; (3) REG.
0101 **(30977)** Paterson, J.
Th 2:00pm-4:30pm (KEY 0121)

HONR379 *(PermReq)* **Honors Independent Study; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Available only to University honors students.

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

HORT Horticulture & Landscape Architecture (Agriculture and Natural Resources)

HORT100 Introduction to Horticulture; (4) REG/P-F/AUD. CORE: LL
0101 **(31101)** Walsh, C.
TuTh 11:00am-11:50am (PLS 1140)
Th 2:00pm-4:00pm (PLS 1153) Lab
Th 1:00pm-1:50pm (PLS 1153) Dis
0102 **(31102)** Walsh, C.
TuTh 11:00am-11:50am (PLS 1140)
M 2:00pm-4:00pm (PLS 1153) Lab
M 1:00pm-1:50pm (PLS 1153) Dis
0103 **(31103)** Walsh, C.
TuTh 11:00am-11:50am (PLS 1140)
W 2:00pm-3:50pm (PLS 1153) Lab
W 1:00pm-1:50pm (PLS 1153) Dis
0104 **(31104)** Walsh, C.
TuTh 11:00am-11:50am (PLS 1140)
Tu 2:00pm-3:50pm (PLS 1153) Lab
Tu 1:00pm-1:50pm (PLS 1153) Dis

HORT202 Management of Horticultural Crops; (4) REG/P-F/AUD. *Prerequisite: HORT 100. Recommended: BIOL 105.*
0101 **(31114)** Bouwkamp, J.
TuTh 11:00am-12:15pm (PLS 1146)
Tu 12:30pm-3:20pm (HAR 1105) Lab

HORT254 Woody Plant Material II; (3) REG/P-F/AUD. *Prerequisite: PBIO 250 or HORT 100. Formerly HORT 454.*
0101 **(31124)** Mityga, H.
MF 1:00pm-1:50pm (PLS 1140)
F 2:00pm-4:50pm (PLS 1153) Lab
0102 **(31125)** Mityga, H.
MF 1:00pm-1:50pm (PLS 1140)
F 2:00pm-4:50pm (PLS 1144) Lab

HORT255 Landscape Design and Implementation; (4) REG/P-F/AUD. *Prerequisite: HORT 253 or HORT 254. Not open to HORT students who have completed LARC 141 and LARC 341.*
0101 **(31135)** Nola, D.
MW 2:00pm-2:50pm (PLS 1142)
MW 3:00pm-4:50pm (PLS 1142) Lab

HORT271 Plant Propagation; (3) REG/P-F/AUD. *Prerequisites: BIOL 105 and HORT 100.*
0101 **(31145)** STAFF
W 12:00pm-12:50pm (HAR 1105)
W 1:00pm-3:50pm (HAR 1105) Lab

HORT321 Landscape Structures and Materials; (3) REG/P-F/AUD. *Prerequisite: HORT 320. For HORT majors only. Also offered as LARC 321. Formerly HORT 465.*
0101 **(31155)** STAFF
M 9:00am-9:50am (PLS 2156)
M 10:00am-11:50am (PLS 1142) Lab
W 9:00am-11:50am (PLS 1142) Lab

HORT388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(31156)** STAFF
Time and room to be arranged

HORT389 Horticultural Internship; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT398 Seminar; (1) REG/P-F. Senior standing. Horticultural majors only. Course is co-taught with Timothy J. Ng.
0101 **(31166)** Bouwkamp, J.
W 4:00pm-4:50pm (PLS 1144)

HORT399 *(PermReq)* **Special Problems in Horticulture; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT432 Greenhouse Crop Production; (3) REG/P-F/AUD. *Prerequisite: HORT 201; and HORT 202. Pre- or corequisite: PBIO 420.*
0101 **(31191)** Lea-Cox, J.
TuTh 5:00pm-5:50pm (PLS 1146)
W 5:20pm-7:50pm (PLS 1153) Lab

HORT489 Special Topics in Horticulture: Environmental Stress Physiology; (3) REG/P-F/AUD.
0101 **(31201)** Sullivan, J.
TuTh 9:30am-10:45am (PLS 1146)

HORT682 Methods of Horticultural Research; (4) REG/AUD.
0101 **(31221)** Solomos, T.
MW 10:00am-10:50am (PLS 1164)
M 5:00pm-9:00pm (PLS 1153) Lab

HORT689 Special Topics in Horticulture: Environmental Stress Physiology; (3) REG/AUD.
0101 **(31231)** Sullivan, J.
TuTh 9:30am-10:45am (PLS 1146)

HORT699 *(PermReq)* **Special Problems in Horticulture; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT798 Advanced Seminar; (1) S-F/AUD.
0101 **(31256)** Lea-Cox, J.
M 12:00pm-12:50pm (PLS 1140)

HORT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

HORT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ITAL Italian (Arts and Humanities)

Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building. For help in placement advising, see Dr. Camilla Russell.

ITAL101 Elementary Italian I; (4) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.*
0101 **(31342)** STAFF
MWF 9:00am-9:50am (JMZ 2123)
Tu 9:00am-9:50am (JMZ 2125) Lab
0201 **(31343)** STAFF
MWF 10:00am-10:50am (JMZ 2123)
Tu 10:00am-10:50am (JMZ 2125) Lab
0301 **(31344)** STAFF
MWF 1:00pm-1:50pm (JMZ 2123)
Tu 1:00pm-1:50pm (JMZ 2125) Lab

ITAL102 Elementary Italian II; (4) REG/P-F/AUD. *Prerequisite: ITAL 101 or permission of department.*
0101 **(31354)** STAFF
MWF 10:00am-10:50am (JMZ 0120)
Th 10:00am-10:50am (JMZ 1226) Lab
0201 **(31355)** STAFF
MWF 11:00am-11:50am (JMZ 1226)
Th 11:00am-11:50am (JMZ 1226) Lab

ITAL122 Accelerated Italian II; (3) REG/P-F/AUD. *Prerequisite: ITAL 121 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.*
0101 **(31365)** Amodeo, S.
MWF 1:00pm-1:50pm (JMZ 2122)

ITAL122H Accelerated Italian II; (3) REG/P-F/AUD. *Prerequisite: ITAL 121 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.* For general honors students only.
0101 **(31375)** Amodeo, S.
MWF 1:00pm-1:50pm (JMZ 2122)

ITAL203 Intermediate Italian; (4) REG/P-F/AUD. CORE: HO *Prerequisite: ITAL 102 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.*
0101 **(31385)** Falvo, J.
MWF 1:00pm-1:50pm (JMZ 1215)
Th 1:00pm-1:50pm (JMZ 1226) Lab

ITAL204 Review Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: ITAL 203 or ITAL 122, or permission of department.*
0101 **(31395)** Falvo, J.
MWF 10:00am-10:50am (PLS 1115)

ITAL261 Cuisine, Culture, and Society in Italy Yesterday and Today; (3) REG/P-F/AUD. CORE: HO
0101 **(31405)** Amodeo, S.
MWF 12:00pm-12:50pm (JMZ 1226)

ITAL301 Composition and Style; (3) REG/P-F/AUD. *Prerequisite: ITAL 204 or permission of department.*
0101 **(31415)** Amodeo, S.
MWF 9:00am-9:50am (JMZ 1122)

ITAL399 *(PermReq)* **Directed Study in Italian; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor.

ITAL431 Italian Civilization - in Translation; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 431 or ITAL 432. Formerly ITAL 370.*
0101 **(31429)** Falvo, J.
MWF 11:00am-11:50am (PLS 1115)

ITAL432 Italian Civilization - in Italian; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 431 or ITAL 432. Formerly ITAL 470.*
0101 **(31439)** Falvo, J.
MWF 11:00am-11:50am (PLS 1115)

ITAL498 Special Topics in Italian Literature; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ITAL499 Special Topics in Italian Studies; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

IVSP Individual Studies Program (Undergraduate Studies)

IVSP317 *(PermReq)* **Progress Report; (1)** S-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major.* The department representative to contact is the IVSP coordinator.

IVSP318 *(PermReq)* **Independent Learning Activities; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. For IVSP majors only. The department representative to contact is the IVSP coordinator.

IVSP420 *(PermReq)* **Senior Paper; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major. For IVSP majors only.* The department representative to contact is the IVSP coordinator.

JAPN Japanese (Arts and Humanities)

JAPN102 Elementary Japanese II; (6) REG/P-F/AUD. *Prerequisite: JAPN 101 or equivalent.*
0101 **(31920)** STAFF
MWF 9:00am-10:50am (JMZ 2117)
0201 **(31921)** Yotsukura, L.
MWF 10:00am-11:50am (PLS 1184)
0301 **(31922)** STAFF
MWF 11:00am-12:50pm (TLF 1101)
0401 **(31923)** STAFF
MWF 11:00am-12:50pm (PLS 1164)

JAPN202 Intermediate Japanese II; (6) REG/P-F/AUD. *Prerequisite: JAPN 201 or equivalent. Formerly JAPN 206.*
0101 **(31933)** Yaginuma, K.
MWF 9:00am-10:50am (JMZ 0202)
0201 **(31934)** Sano, T.
MWF 9:00am-10:50am (JMZ 2122)
0301 **(31935)** Yaginuma, K.
MWF 11:00am-12:50pm (PLS 1176)

JAPN302 Advanced Japanese II; (6) REG/P-F/AUD. *Prerequisite: JAPN 301 or equivalent. Formerly JAPN 306.*
0101 **(31945)** Miura, E.
MWF 9:00am-10:50am (JMZ 3203)
0201 **(31946)** Miura, E.
MWF 11:00am-12:50pm (JMZ 1211)
0301 **(31947)** Sano, T.
MWF 11:00am-12:50pm (JMZ 3118)

JAPN404 Business Japanese II; (3) REG/P-F/AUD. *Prerequisite: JAPN 403 or equivalent. Formerly JAPN 304.*
0101 **(31957)** STAFF
MWF 1:00pm-1:50pm (JMZ 2102)

JAPN418 Japanese Literature in Translation; (3) REG/P-F/AUD.
0101 **(31977)** Funabashi, L.
TuTh 3:30pm-4:45pm (JMZ 1117)

JAPN421 History of the Japanese Language; (3) REG/P-F/AUD.
0101 **(31987)** Ramsey, S.
TuTh 2:00pm-3:15pm (JMZ 2122)

JAPN499 Directed Study in Japanese; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JAPN499N *(PermReq)* **Directed Study in Japanese: Newspaper Japanese; (3)** REG/P-F/AUD. Permission of Department.
0101 **(32002)** Kamiya, M.
MWF 11:00am-11:50am (PLS 1180)

JOUR Journalism (Journalism)

JOUR100 Introduction to Mass Communication; (3) REG/P-F/AUD. CORE: SB
0101 **(32051)** Gomery, D.
TuTh 3:30pm-4:45pm (JRN 1104)

JOUR100H Introduction to Mass Communication; (3) REG/P-F/AUD. CORE: SB For general honors students only.
0101 **(32061)** Gomery, D.
TuTh 3:30pm-4:45pm (JRN 1104)

JOUR101 Professional Orientation; (1) REG/P-F/AUD. Required for JOUR majors but open to campus enrollment. Check syllabus on first day of classes for exact schedule. Limited to students with less than 75 credits.
0101 **(32071)** Stewart, G.
Meets 01/27/98-03/17/98
TuTh 11:00am-11:50am (SKN 0200)

JOUR198 *(PermReq)* **Survey Apprenticeship; (1)** S-F. Students must report to JRN 1118 to meet with instructor before add/drop period ends. Does not count toward JOUR degree requirements.
0101 **(32081)** Stewart, G.
Time and room to be arranged

JOUR201 *(PermReq)* **Writing For Mass Media; (3)** REG/P-F/AUD. *Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute wordprocessing ability; and grammar competency demonstrated by a score of 52 or higher on the TSWE.* A proficiency test for applicability of JOUR 201 credit taken at another institution will be given by registering in JRN 2116. All students in Jour 201 must have earned a minimum of 28 credits. A 5-minute wordprocessing (WordPerfect) test must be taken prior to receiving permission to register. Typing tests will be offered every Friday afternoon in 2116 Journalism Building.
0101 **(32091)** Wise, K.
M 12:00pm-2:00pm (JRN 3103)
W 12:00pm-2:00pm (JRN 3103) Lab
0201 **(32092)** Wise, K.
M 8:00am-10:00am (JRN 3103)
W 8:00am-10:00am (JRN 3103) Lab
0301 **(32093)** O'Hare, R.
Tu 2:00pm-4:00pm (JRN 3103)
Th 2:00pm-4:00pm (JRN 3103) Lab
0501 **(32095)** Gibson, J.
Tu 12:00pm-2:00pm (JRN 3103)
Th 12:00pm-2:00pm (JRN 3103) Lab
0601 **(32096)** Gibson, J.
Tu 4:00pm-6:00pm (JRN 3103)
Th 4:00pm-6:00pm (JRN 3103) Lab

JOUR202 Editing For the Mass Media; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Non-journalism majors wishing to enroll in JOUR 202 may enroll on the hold file. When you have satisfied all admissions requirements into the major, you will then have direct access to JOUR 202.
0101 **(32106)** Stepp, C.
Tu 10:00am-12:00pm (JRN 3111)
Th 10:00am-12:00pm (JRN 3111) Lab
0201 **(32107)** O'Malley, S.
Tu 8:00am-10:00am (JRN 3111)
Th 8:00am-10:00am (JRN 3111) Lab
0301 **(32108)** Goldman, J.
Tu 6:00pm-8:00pm (JRN 3111)
Th 6:00pm-8:00pm (JRN 3111) Lab
0501 **(32110)** Durocher, D.
M 8:00am-10:00am (JRN 3102)
W 8:00am-10:00am (JRN 3102) Lab
0701 **(32112)** Grover, R.
M 10:00am-12:00pm (JRN 3102)
W 10:00am-12:00pm (JRN 3102) Lab

JOUR320 News Reporting; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Due to rigorous publication requirement, students should time manage their semester accordingly.
0101 **(32122)** STAFF
M 7:00pm-9:00pm (JRN 3111)
W 7:00pm-9:00pm (JRN 3111) Lab
0201 **(32123)** Lightman, D.
M 8:00am-10:00am (JRN 3111)
W 8:00am-10:00am (JRN 3111) Lab

JOUR322 Advanced Reporting: Beats and Investigation; (3) REG/P-F/AUD. *Prerequisite: JOUR 320.*
0101 **(32133)** Gup, T.
W 10:00am-12:00pm (JRN 1116)
Time and room to be arranged Lab

JOUR325 *(PermReq)* **Reporting from Annapolis and Washington; (6)** REG/P-F/AUD. *Prerequisite: permission of department. Corequisite: JOUR 462.* Washington, DC students should enroll in section 0101. Annapolis students should enroll in section 0201.
0101 **(32143)** Crane, S.
Time and room to be arranged Lab
0201 **(32144)** Fibich, L.
Time and room to be arranged Lab

JOUR326 *(PermReq)* **Supervised Internship - News Editorial; (3)** REG/P-F/AUD. *Prerequisites: a grade of-"C" or better in JOUR 201, JOUR 202 and JOUR 320 and permission of department. For JOUR majors only.* Three class meetings during the semester. First session meets either February 10, 11, or 12, at noon in JRN 1116. Second session meets Thursday, April 2, 7-9pm, in JRN 1116. Third session meets either May 5, 6, or 7, at noon in JRN 1116. Mandatory attendance is required. Students with the appropriate prerequisites are encouraged to register on the waitlist as soon as possible. Dr. Stewart can then forward announcements of internships to assist you in your placement search.
0101 **(32154)** Stewart, G.
Th 7:00pm-9:00pm (JRN 1116)
Time and room to be arranged Lab

JOUR328 *(PermReq)* **Specialized News Reporting: Computer Assisted Journalism; (3)** REG/P-F/AUD.
0101 **(32164)** Loeb, P.
M 7:00pm-10:00pm (EGR 3140)
W 7:00pm-10:00pm (EGR 3140) Lab

JOUR328A Specialized News Reporting: Covering Children and Family Issues: A Professional Seminar in Social Issues Reporting; (3) REG/P-F/AUD.
0101 **(32174)** STAFF
Tu 9:00am-12:00pm (TWS 2228)

JOUR328C Specialized News Reporting: Technology and the Media; (3) REG/P-F/AUD.
0101 **(32184)** Callahan, C.
W 4:30pm-6:30pm (JRN 3102)
M 4:30pm-6:30pm (JRN 3102) Lab

JOUR330 Public Relations Theory; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* This course is restricted to JOUR majors with code 0602F or code 0601F and BMGT 0515A and BMGT 05090. All others must have authorization.
0101 **(32194)** Hagan, L.
MW 9:30am-10:45am (JRN 1104)

JOUR331 Public Relations Techniques; (3) REG/AUD. *Prerequisites: JOUR 330; and grade of C or better in JOUR 202.*
0101 **(32204)** Hagan, L.
M 12:00pm-2:00pm (JRN 3102)
W 12:00pm-2:00pm (JRN 3102) Lab
0201 **(32205)** Kerstens, E.
Tu 6:00pm-8:00pm (JRN 3103)
Th 6:00pm-8:00pm (JRN 3103) Lab

JOUR332 Specialized Writing in Public Relations; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. Recommended: JOUR 330.*
0101 **(32215)** Burnett, C.
M 7:00pm-9:00pm (JRN 3103)
W 7:00pm-9:00pm (JRN 3103) Lab

JOUR336 *(PermReq)* **Supervised Internship - Public Relations; (3)** REG/P-F/AUD. *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202, JOUR 330, and JOUR 331 and permission of department. For JOUR majors only.* Three class meetings during the semester. First session meets either February 10,11, or 12, at noon in JRN 1116. Second session meets Wednesday, April 1, 7-9pm, in JRN 1116. Third session meets either May 5, 6, or 7, at noon in JRN 1116. Mandatory attendance is required. Students with the appropriate prerequisites are encouraged to register on the waitlist as soon as possible. Dr. Stewart can then forward announcements of internships to assist you in your placement search.
0101 **(32225)** Stewart, G.
W 7:00pm-9:00pm (JRN 1116)
Time and room to be arranged Lab

JOUR340 Advertising Communication; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Majors only and BMGT 0515A and BMGT 05090.
0101 **(32235)** Zanot, E.
MW 11:00am-12:15pm (JRN 1104)

JOUR341 Advertising Techniques; (3) REG/AUD. *Prerequisites: JOUR 340; and grade of C or better in JOUR 202.*
0101 **(32245)** Zanot, E.
M 2:00pm-4:00pm (JRN 3111)
W 2:00pm-4:00pm (JRN 3111) Lab

JOUR342 Advertising Media Planning; (3) REG/P-F/AUD. *Prerequisite: JOUR 340.*
0101 **(32255)** Schiraldi, G.
Th 7:00pm-10:00pm (JRN 3102)

JOUR346 *(PermReq)* **Supervised Internship - Advertising; (3)** REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, JOUR 340, and either JOUR 341 or JOUR 342, and permission of department. For JOUR majors only.* Three class meetings during the semester. First session meets either February 10, 11, or 12, at noon in JRN 1116. Second session meets Monday, March 30 7-9pm, in JRN 1116. Third session meets either May 5, 6, or 7, at noon in JRN 1116. Mandatory attendance is required. Students with the appropriate prerequisites are encouraged to register on the waitlist as soon as possible. Dr. Stewart can then forward announcements of internships to assist you in your placement search.
0101 **(32265)** Stewart, G.
M 7:00pm-9:00pm (JRN 1116)
Time and room to be arranged Lab

JOUR360 Broadcast News I; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.*
0101 **(32275)** Katcef, S.
Tu 6:30pm-9:30pm (JRN 3102)
Time and room to be arranged Lab
0201 **(32276)** Barkin, S.
Tu 10:00am-12:00pm (JRN 3103)
Th 10:00am-12:00pm (JRN 3103) Lab

JOUR361 Broadcast News II; (3) REG/P-F/AUD. *Prerequisite: JOUR 360.* Majors only. Students will spend several hours per week on field assignments, in addition to scheduled class sessions and should estimate lab costs at approximately $50. To be taught by New Eaton Chair.
0101 **(32286)** Thornton, L.
M 4:00pm-5:30pm (JRN 1105)
M 10:00am-4:00pm (JRN 3120) Lab
0102 **(32287)** Thornton, L.
M 4:00pm-5:30pm (JRN 1105)
Tu 10:00am-4:00pm (JRN 3120) Lab
0103 **(32288)** Thornton, L.
M 4:00pm-5:30pm (JRN 1105)
W 10:00am-4:00pm (JRN 3120) Lab

JOUR362 *(PermReq)* **Broadcast News Management; (3)** REG/P-F/AUD. *Prerequisite: JOUR 360.*
0101 **(32298)** Pascual, P.
Time and room to be arranged
0201 **(32299)** McCrery, J.
Time and room to be arranged

JOUR365 Theory of Broadcast Journalism; (3) REG/P-F/AUD. Dr. Gomery will emphasize the history of broadcast news, engaging students in the examination of the primary source materials available in the recent Hornbake acquisition of the Broadcast Pioneers Collection.
0101 **(32308)** Gomery, D.
TuTh 2:00pm-3:15pm (JRN 1104)

JOUR366 *(PermReq)* **Supervised Internship - Broadcast News; (3)** REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, and JOUR 360 and permission of department. Recommended: JOUR 361 for television internship. For JOUR majors only.* Three class meetings during the semester. First session meets either February 10, 11, or 12, at noon in JRN 1116. Second session meets Thursday, April 2, 7pm-9pm, in JRN 1116. Third session meets either May 5, 6, or 7, at noon in JRN 1116. Mandatory attendance is required. Students with the appropriate prerequisites are encouraged to register on the waitlist as soon as possible. Dr. Stewart can then forward announcements of internships to assist you in your placement search.
0101 **(32318)** Stewart, G.
Th 7:00pm-9:00pm (JRN 1116)
Time and room to be arranged Lab

JOUR371 Magazine Article and Feature Writing; (3) REG/P-F/AUD. *Prerequisite: JOUR 320.* Majors only.
0101 **(32328)** Gup, T.
M 2:00pm-4:00pm (JRN 3102)
W 2:00pm-4:00pm (JRN 3102) Lab

JOUR373 Graphics; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 202.* Majors only. Limited to students with major codes 0601C & 0601D. All other journalism majors who have completed JOUR 202 can register on the hold file for available seats at the semester's start. This course is not a software course. Labwork requires Pagemaker/Windows competency. For campus short courses, stop by CSC 3326 (approx. $5 for short-course training sessions.)
0101 **(32338)** Durant, S.
M 7:00pm-9:00pm (CSS 1410)
W 7:00pm-9:00pm (CSS 1410) Lab

JOUR398 *(PermReq)* **Independent Study; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

JOUR400 Law of Mass Communication; (3) REG/P-F/AUD. *Junior standing.* Restricted to students with 53 credits completed.
0101 **(32381)** Rush, T.
Tu 7:00pm-9:45pm (LEF 2205)
Undergraduate students must enroll in section 0101.
0201 **(32382)** Rush, T.
Tu 7:00pm-9:45pm (LEF 2205)
Graduate students must enroll in section 0201.

JOUR420 Government and Mass Communication; (3) REG/P-F/AUD. *Junior standing.*
0101 **(32392)** Ferguson, M.
TuTh 3:30pm-4:45pm (JRN 1105)

JOUR450 Mass Media in Society; (3) REG/P-F/AUD. *Junior standing.*
0101 **(32402)** Hiebert, R.
TuTh 11:00am-12:15pm (JRN 1105)
0201 **(32403)** Stepp, C.
MW 2:00pm-3:15pm (JRN 1104).

JOUR452 Women in the Media; (3) REG/P-F/AUD. DIVERSITY *Junior standing. Also offered as WMST 452. Credit will be granted for only one of the following: JOUR 452 or WMST 452.*
0101 **(32413)** Robertson, N.
TuTh 11:00am-12:15pm (JRN 1104)

JOUR459C Special Topics in Mass Communication: Journalism and Technology; (3) REG/P-F/AUD. New Media, a study of the use of computers as a communication medium. Issues of importance included of privacy, copyright, and the first amendment. Discussion will also include consideration of social and psychological issues associated with communicating via technologies such as the Internet. Students will create a Web page as a part of the course.
0101 **(32433)** Newhagen, J.
Th 10:00am-1:00pm (JRN 3102)

JOUR459F Special Topics in Mass Communication: Literature of Foreign Correspondence; (3) REG/P-F/AUD.
0101 **(32443)** Paterson, J.
TuTh 9:30am-10:45am (JRN 1104)

JOUR462 *(PermReq)* **Professional Seminar in Public Affairs Reporting; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(32453)** STAFF
M 8:00am-11:00am (JRN 1116)

JOUR477 Mass Communication Research; (3) REG/P-F/AUD. *Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence.* Restricted to students with 53 credits completed.
0201 **(32464)** STAFF
MW 2:00pm-3:15pm (JRN 1105)

JOUR481 Writing the Complex Story; (3) REG/P-F/AUD. *Pre- or corequisite: JOUR 371.*
0101 **(32474)** Roberts, E.
TuTh 2:00pm-3:15pm (JRN 1116)

JOUR483 *(PermReq)* **Senior Seminar in Public Relations; (3)** REG/P-F/AUD. *Prerequisite: JOUR 331; and JOUR 471.*
0101 **(32484)** Rogers, C.
TuTh 3:30pm-4:45pm (JRN 1116)
0201 **(32485)** Ibanez, M.
Tu 7:00pm-9:45pm (JRN 1116)

JOUR484 *(PermReq)* **Advertising Campaigns; (3)** REG/P-F/AUD. *Prerequisite: JOUR 341; and JOUR 342.* Majors only. Must have at least 56 credits earned. Report to JRN 1116 for first class.
0101 **(32495)** Zanot, E.
W 6:00pm-9:00pm (JRN 1104)

JOUR502 Reporting for Graduate Students; (3) REG/AUD. *Prerequisite: JOUR 501 or permission of department.* Due to rigorous publication requirement, students should time manage their semester accordingly.
0101 **(32505)** Eaton, W.
Tu 2:00pm-4:00pm (JRN 3111)
Th 2:00pm-4:00pm (JRN 3111) Lab

JOUR503 Reporting for Broadcast News; (3) REG/AUD. *Prerequisite: JOUR 501.*
0101 **(32515)** Thornton, L.
M 4:00pm-6:00pm (JRN 3103)
W 4:00pm-6:00pm (JRN 3103) Lab

JOUR600 *(PermReq)* **Research Methods in Mass Communication; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(32525)** Newhagen, J.
Tu 2:00pm-3:15pm (JRN 3102)
Th 2:00pm-3:15pm (JRN 3102) Lab
0201 **(32526)** Loeb, P.
M 7:00pm-10:00pm (EGR 3140)
W 7:00pm-10:00pm (EGR 3140) Lab

JOUR601 *(PermReq)* **Theories of Mass Communication; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(32536)** Gurevitch, M.
Tu 9:00am-12:00pm (JRN 1116)

JOUR621 Interpretation of Contemporary Affairs; (3) REG/AUD. *Prerequisite: JOUR 320.* News Coverage of Children and Family Issues.
0101 **(32546)** STAFF
Tu 9:00am-12:00pm (TWS 2228)

JOUR622 *(PermReq)* **Explanatory Writing; (3)** REG/AUD. *Prerequisite: JOUR 502 or equivalent, and permission of department.*
0101 **(32556)** Roberts, E.
TuTh 2:00pm-3:15pm (JRN 1116)

JOUR630 Seminar in Public Relations Management; (3) REG/AUD. Students should report to JRN 1116 on the first day of class.
0101 **(32566)** Grunig, J.
M 6:00pm-9:00pm (JRN 1104)

JOUR631 Seminar in Public Relations Publics; (3) REG/AUD. Students should report to JRN 1116 on the first day of class.
0101 **(32576)** Grunig, J.
Th 6:00pm-9:00pm (JRN 1104)

JOUR632 Research Design in Public Relations; (3) REG/AUD.
0101 **(32586)** Grunig, L.
M 2:00pm-5:00pm (JRN 1116)

JOUR634 Seminar in Ethics and Philosophy of Public Relations; (3) REG.
0101 **(32596)** Grunig, L.
Th 9:00am-12:00pm (JRN 1116)

JOUR680 Science Communication; (3) REG/AUD.
0101 **(32606)** Rogers, C.
Th 6:00pm-9:00pm (TYD 1132)

JOUR698 *(PermReq)* **Special Problems in Communication; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR728 Topics in Public Affairs Reporting; (3) REG/AUD.
0101 **(32637)** STAFF
M 8:00am-11:00am (JRN 1116)

JOUR729 Reporting from Annapolis and Washington; (6) REG/AUD. This course is linked to the Capital News Service Reporting Bureau Program. Acceptance into program is required prior to enrollment. Apply to Director Chris Callahan in JRN 1119.
0101 **(32647)** Crane, S.
Time and room to be arranged Lab
0201 **(32648)** Fibich, L.
Time and room to be arranged Lab

JOUR731 Cross-Cultural Communication; (3) REG/AUD.
0101 **(32658)** Hiebert, R.
W 2:00pm-5:00pm (JRN 1116)

JOUR760 Seminar in Broadcast News; (3) REG/AUD.
0101 **(32668)** Gurevitch, M.
F 10:00am-1:00pm (JRN 1116)

JOUR768 Topics in Broadcasting and Electronic Media: Mediacentric Politics: How Advocacy Groups and Politicians Use Television, Radio, and the WWW; (3) REG/AUD. Students will be expected to spend independent lab hours in Hornbake's Non-Print Media Lab.
0101 **(32678)** Ferguson, M.
W 12:00pm-2:00pm (JRN 1116)
Time and room to be arranged Lab

JOUR798 *(PermReq)* **Masters Professional Fieldwork; (2-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

JOUR888 Doctoral Practicum in Mass Communication; (3-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR889 Doctoral Tutorial in Mass Communication; (3-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR899 Doctoral Dissertation Research in Mass Communication; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

JWST Jewish Studies
(Arts and Humanities)

For Hebrew language courses, see HEBR - Hebrew.

JWST219A Special Topics in Jewish Studies: Dead Sea Scrolls; (3) REG/P-F/AUD. Also offered as HONR 238A.
0101 **(32833)** Cohen, M.
W 1:30pm-4:00pm (ANA 0103)

JWST219B Special Topics in Jewish Studies: Immigrant Voices; (3) REG/P-F/AUD. CORE: HO DIVERSITY
0101 **(32843)** Isaacs, M.
TuTh 2:00pm-3:15pm (WDS 1131)

JWST230 Introduction to the Rabbinic Movement: History and Culture; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 281. Credit will be granted for only one of the following: JWST 230 or HIST 281.*
0101 **(32853)** Lapin, H.
TuTh 12:30pm-1:45pm (KEY 0103)

JWST235 History of the Jewish People II; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 283. Credit will be granted for only one of the following: JWST 235 or HIST 283.*
0101 **(32863)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
M 10:00am-10:50am (PLS 1168) Dis
0102 **(32864)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
M 11:00am-11:50am (KEY 0123) Dis
0103 **(32865)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Tu 1:00pm-1:50pm (JMZ 2123) Dis
0104 **(32866)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
W 9:00am-9:50am (ASY 3217) Dis
0105 **(32867)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
W 11:00am-11:50am (ARM 0102) Dis
0106 **(32868)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Th 1:00pm-1:50pm (JMZ 2123) Dis
0107 **(32869)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Th 2:00pm-2:50pm (CHM 0122) Dis
0108 **(32870)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Tu 2:00pm-2:50pm (JMZ 2117) Dis

JWST235H History of the Jewish People II; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 283. Credit will be granted for only one of the following: JWST 235 or HIST 283.* For general honors students only.
0109 **(32880)** Cooperman, B.
TuTh 11:00am-11:50am (KEY 0106)
Tu 1:00pm-1:50pm (LEF 1221) Dis

JWST250 Fundamental Concepts of Judaism; (3) REG/P-F/AUD. CORE: HO *Also offered as PHIL 234. Not open to students who have completed PHIL 234. Credit will be granted for only one of the following: JWST 250 or PHIL 234.*
0101 **(32890)** Manekin, C.
MW 2:00pm-3:15pm (LEF 2166)

JWST260 Introduction to Classical Hebrew I; (3) REG/P-F/AUD. *Prerequisite: HEBR 111 or equivalent. Also offered as HEBR 298A. Not open to students who have completed HEBR 401. Formerly HEBR 401.*
0101 **(32900)** Knobloch, F.
TuTh 2:00pm-3:15pm (JMZ 1224)

JWST262 The Hebrew Bible: Narrative; (3) REG/P-F/AUD. CORE: HL *Not open to students who have completed HEBR 223. Formerly HEBR 223.*
0101 **(32910)** Knobloch, F.
TuTh 11:00am-12:15pm (TYD 1114)

JWST282 Elementary Yiddish II; (3) REG/P-F/AUD. *Prerequisite: JWST 281 or GERM 148Y or permission of department. Also offered as GERM 149Y. Not open to students who have completed GERM 149Y.*
0101 **(32920)** Isaacs, M.
TuTh 9:30am-10:45am (JMZ 1224)

JWST309 Research Seminar in Jewish Studies: Modern Jewish History; (3) REG/P-F/AUD. CORE: CS Also offered as HIST 309F.
0101 **(32930)** Rozenblit, M.
W 2:00pm-4:00pm (KEY 0119)
Time and room to be arranged Dis

JWST324 Biblical History and Culture; (3) REG/P-F/AUD. *Also offered as HIST 321. Not open to students who have completed HEBR 333 or HIST 321. Credit will be granted for only one of the following: JWST 324 or HEBR 333 or HIST 321. Formerly HEBR 333.* Also offered as HIST 319C.
0101 **(32940)** Cohen, M.
MW 11:00am-12:15pm (TLF 2101)

JWST325 Jews and Judaism in Antiquity I: Sixth Century BCE through the First Century CE; (3) REG/P-F/AUD. *Also offered as HIST 370. Credit will be granted for only one of the following: JWST 325 or HIST 370.*
0101 **(32950)** Lapin, H.
TuTh 9:30am-10:45am (HBK 0123)

JWST345 The Holocaust of European Jewry; (3) REG/P-F/AUD. *Also offered as HIST 307. Credit will be granted for only one of the following: JWST 345 or HIST 307.*
SA13 **(28933)** STAFF
Time and room to be arranged
0101 **(32960)** Rozenblit, M.
MW 11:00am-11:50am (HJP 2242)
M 9:00am-9:50am (ARC 1123) Dis
0102 **(32961)** Rozenblit, M.
MW 11:00am-11:50am (HJP 2242)
Tu 11:00am-11:50am (JMZ 0103) Dis
0103 **(32962)** Rozenblit, M.
MW 11:00am-11:50am (HJP 2242)
W 9:00am-9:50am (COL 3111) Dis
0104 **(32963)** Rozenblit, M.
MW 11:00am-11:50am (HJP 2242)
Tu 2:00pm-2:50pm (KEY 0121) Dis

JWST419E Special Topics in Jewish Studies: The Holocaust in Children's Eyes and Old People's Memories; (3) REG/P-F/AUD.
0101 **(32973)** Isaacs, M.
MW 2:00pm-3:15pm (JMZ 0103)

JWST419Y Special Topics in Jewish Studies: Jews in the Early Modern Period; (3) REG/P-F/AUD. Also offered as HIST 319B. Credit will be granted for only one of the following: JWST 419Y or HIST 319B.
0101 **(32983)** Cooperman, B.
TuTh 2:00pm-3:15pm (KEY 0116)

JWST466 Readings in Medieval Hebrew; (3) REG/P-F/AUD. *Prerequisite: HEBR 212 or permission of department. Not open to students who have completed HEBR 472. Credit will be granted for only one of the following: HEBR 472 or JWST 466. Formerly HEBR 472.*
0101 **(32993)** Manekin, C.
Tu 3:30pm-6:00pm (KEY 0120)

JWST499 *(PermReq)* **Independent Study in Jewish Studies; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

KNES Kinesiology
(Health and Human Performance)

Physical Education Activities - Coed

KNES100N Physical Education Activities: Men: Basketball (Beginning); (1) REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/27/98. Schedule Adjustment Period is 1/27-2/2.
0001 **(33053)** STAFF
Meets 01/27/98-03/20/98
MW 3:00pm-5:00pm (HHP 2240) Lab

KNES100O Physical Education Activities: Men: Basketball (Intermediate); (2) REG/P-F.
0001 **(33063)** STAFF
TuTh 3:00pm-5:00pm (HHP 2240) Lab
0002 **(33064)** STAFF
MW 10:00am-12:00pm (HHP 2240) Lab

KNES130N Physical Education Activities: Coed: Archery (Beginning); (1) REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0001 **(33074)** STAFF
Meets 03/30/98-05/13/98
MW 8:00am-10:00am (HHP 2240) Lab
0002 **(33075)** STAFF
Meets 03/30/98-05/13/98
MW 10:00am-12:00pm (HHP 2240) Lab

KNES131V Physical Education Activities: Coed: Jogging; (2) REG/P-F.
0001 **(33085)** STAFF
MW 9:00am-11:00am (HHP 2240) Lab
0002 **(33086)** STAFF
MW 12:00pm-2:00pm (HHP 2101) Lab
0003 **(33087)** STAFF
TuTh 12:00pm-2:00pm (HHP 2101) Lab

KNES131Z Physical Education Activities: Coed: Softball; (1) REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0001 **(33097)** STAFF
Meets 03/30/98-05/13/98
MW 12:00pm-2:00pm (HHP 2240) Lab
0002 **(33098)** STAFF
Meets 03/30/98-05/13/98
TuTh 10:00am-12:00pm (HHP 2101) Lab
0003 **(33099)** STAFF
Meets 03/30/98-05/13/98
TuTh 1:00pm-3:00pm (HHP 2240) Lab

KNES134N Physical Education Activities: Coed: Bowling (Beginning); (2) REG/P-F. Students must pay a $35.00 facility fee. (Bowling shoes required. Shoes may be rented on a day to day basis.)
0001 **(33109)** STAFF
MW 10:00am-12:00pm (SSU B0100) Lab
0002 **(33110)** STAFF
TuTh 2:00pm-4:00pm (SSU B0100) Lab
0003 **(33111)** STAFF
MW 2:00pm-4:00pm (SSU B0100) Lab

KNES134O Physical Education Activities: Coed: Bowling (Intermediate); (2) REG/P-F. Students must pay a $35.00 facility fee. (Bowling shoes required. Shoes may be rented on a day to day basis.)
0001 **(33121)** STAFF
TuTh 12:00pm-2:00pm (SSU B0100) Lab
0002 **(33122)** STAFF
MW 12:00pm-2:00pm (SSU B0100) Lab

KNES137N Physical Education Activities: Coed: Golf (Beginning); (1) REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3. Students must pay a $25.00 facility fee.
0001 **(33132)** STAFF
Meets 03/30/98-05/13/98
TuTh 10:00am-12:00pm (GLF 1102) Lab
0002 **(33133)** STAFF
Meets 03/30/98-05/13/98
MW 1:00pm-3:00pm (GLF 1102) Lab

(KNES137N cont'd)

0003 **(33134)** STAFF
Meets 03/30/98-05/13/98
TuTh 1:00pm-3:00pm (GLF 1102) Lab

KNES137O Physical Education Activities: Coed: Golf (Intermediate); (1) REG/P-F. Meets second eight weeks of term only. Meets in golf classroom. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3. Students must pay a $25.00 facility fee.
0001 **(33144)** STAFF
Meets 03/30/98-05/13/98
MW 10:00am-12:00pm (GLF 1102) Lab

KNES140S Physical Education Activities: Coed: Gymnastics, Trampoline (Beginning); (2) REG/P-F.
0001 **(33154)** STAFF
MW 12:00pm-2:00pm (HHP 1120) Lab

KNES140Y Physical Education Activities: Coed: Beginning Apparatus; (2) REG/P-F/AUD.
0001 **(33164)** Montfort, J.
TuTh 1:00pm-3:00pm (HHP 1120) Lab

KNES144Q Physical Education Activities: Coed: Martial Arts, Karate (Beginning); (2) REG/P-F.
0001 **(33174)** STAFF
TuTh 8:00am-10:00am (HHP 0107) Lab
0002 **(33175)** STAFF
MW 12:00pm-2:00pm (HHP 0107) Lab
0003 **(33176)** STAFF
TuTh 1:00pm-3:00pm (HHP 0107) Lab

KNES144R Physical Education Activities: Coed: Martial Arts, Karate (Intermediate); (2) REG/P-F.
0001 **(33186)** STAFF
MW 4:00pm-6:00pm (HHP 0107) Lab

KNES144T Physical Education Activities: Coed: Martial Arts, Self Defense; (2) REG/P-F.
0001 **(33196)** STAFF
TuTh 3:00pm-5:00pm (HHP 0107) Lab

KNES146N Physical Education Activities: Coed: Racquetball (Beginning); (1) REG/P-F. Students must provide protective eye wear.
0001 **(33206)** STAFF
MWF 11:00am-11:50am (HHP 0222) Lab
0002 **(33207)** STAFF
MWF 1:00pm-1:50pm (HHP 0222) Lab
0003 **(33208)** STAFF
TuTh 1:00pm-2:15pm (HHP 0222) Lab
0004 **(33209)** STAFF
TuTh 2:00pm-3:15pm (HHP 0222) Lab
0005 **(33210)** STAFF
TuTh 3:00pm-4:15pm (HHP 0222) Lab

KNES146O Physical Education Activities: Coed: Racquetball (Intermediate); (1) REG/P-F. Students must provide protective eye wear.
0001 **(33220)** STAFF
TuTh 11:00am-12:15pm (HHP 0222) Lab

KNES147N Physical Education Activities: Coed: Scuba (Beginning); (2) REG/P-F. Students must obtain departmental permission once classes begin. Students must attend all scheduled class sessions.
0001 **(33230)** Landers, R.
TuTh 8:00am-9:15am (COL 0113)
TuTh 8:00am-9:15am (COL 1206) Lab
0002 **(33231)** Landers, R.
TuTh 10:00am-11:15am (COL 0113)
TuTh 10:00am-11:15am (COL 1206) Lab
0003 **(33232)** Landers, R.
MWF 8:00am-8:50am (COL 0113)
MWF 8:00am-8:50am (COL 1206) Lab

KNES152N Physical Education Activities: Coed: Soccer (Beginning); (1) REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0001 **(33242)** STAFF
Meets 03/30/98-05/13/98
MW 2:00pm-4:00pm (HHP 2101) Lab

KNES152O Physical Education Activities: Coed: Soccer (Intermediate); (1) REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0001 **(33252)** STAFF
Meets 03/30/98-05/13/98
TuTh 10:00am-12:00pm (HHP 2240) Lab

KNES154N Physical Education Activities: Coed: Swimming (Beginning); (1) REG/P-F.
0001 **(33262)** STAFF
MWF 12:00pm-12:50pm (PKT 1112) Lab
0002 **(33263)** STAFF
TuTh 9:00am-10:15am (COL 1206) Lab

KNES154O Physical Education Activities: Coed: Swimming (Intermediate); (1) REG/P-F.
0001 **(33273)** STAFF
MWF 1:00pm-1:50pm (COL 1206) Lab

KNES154P Physical Education Activities: Coed: Swimming (Advanced); (2) REG/P-F.
0001 **(33283)** Roltsch, M.
MW 9:00am-11:00am (COL 1206) Lab

KNES154T Physical Education Activities: Coed: Swimming, Fitness (Beginning); (1) REG/P-F.
0001 **(33293)** STAFF
TuTh 1:00pm-2:15pm (PKT 1112) Lab

KNES154W Physical Education Activities: Coed: Swimming/ Lifeguard Training; (2) REG/P-F. Advanced swimming ability is a prerequisite to this course.
0001 **(33303)** STAFF
MW 8:00am-10:00am (PKT 1112) Lab

KNES154X Physical Education Activities: Coed: Swimming/ Lifeguard Training Instructor; (2) REG/P-F. Prerequisite: Current American Red Cross Lifeguard Training certificate and CPR for the professional rescuer certification.
0001 **(33313)** Wenhold, J.
TuTh 10:00am-12:00pm (PKT 1112) Lab

KNES154Y Physical Education Activities: Coed: Swimming, Water Safety Instruction; (2) REG/P-F. Current American Red Cross Lifeguard Training certificate and CPR for the professional rescuer certification or emergency water safety certification is a prerequisite to this course.
0001 **(33323)** STAFF
MW 10:00am-12:00pm (PKT 1112) Lab

KNES155N Physical Education Activities: Coed: Tennis (Beginning); (1) REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0001 **(33333)** STAFF
Meets 03/30/98-05/13/98
MW 8:00am-10:00am (COL 1100F) Lab
0002 **(33334)** STAFF
Meets 03/30/98-05/13/98
MW 10:00am-12:00pm (COL 1100F) Lab
0003 **(33335)** STAFF
Meets 03/30/98-05/13/98
MW 1:00pm-3:00pm (COL 1100F) Lab
0004 **(33336)** STAFF
Meets 03/30/98-05/13/98
MW 1:00pm-3:00pm (HHP 2240) Lab
0005 **(33337)** STAFF
Meets 03/30/98-05/13/98
TuTh 8:00am-10:00am (COL 1100F) Lab
0006 **(33338)** STAFF
Meets 03/30/98-05/13/98
TuTh 10:00am-12:00pm (COL 1100F) Lab
0007 **(33339)** STAFF
Meets 03/30/98-05/13/98
MW 3:00pm-5:00pm (HHP 2240) Lab
0008 **(33340)** STAFF
Meets 03/30/98-05/13/98
TuTh 1:00pm-3:00pm (COL 1100F) Lab

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); (1) REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0001 **(33350)** STAFF
Meets 03/30/98-05/13/98
MW 8:00am-10:00am (HHP 2240) Lab
0002 **(33351)** STAFF
Meets 03/30/98-05/13/98
MW 10:00am-12:00pm (HHP 2240) Lab
0003 **(33352)** STAFF
Meets 03/30/98-05/13/98
TuTh 8:00am-10:00am (HHP 2240) Lab
0004 **(33353)** STAFF
Meets 03/30/98-05/13/98
TuTh 3:00pm-5:00pm (HHP 2240) Lab

KNES155P Physical Education Activities: Coed: Tennis (Advanced); (1) REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0001 **(33363)** STAFF
Meets 03/30/98-05/13/98
TuTh 1:00pm-3:00pm (HHP 2240) Lab

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1) REG/P-F.
0001 **(33373)** STAFF
MW 1:00pm-2:15pm (HHP 0103) Lab
0002 **(33374)** STAFF
MW 10:00am-11:15am (HHP 0103) Lab
0003 **(33375)** STAFF
MW 11:00am-12:15pm (HHP 0103) Lab
0004 **(33376)** STAFF
MW 3:00pm-4:15pm (HHP 0103) Lab
0005 **(33377)** STAFF
MW 4:00pm-5:15pm (HHP 0103) Lab
0006 **(33378)** STAFF
TuTh 9:00am-10:15am (HHP 0103) Lab
0007 **(33379)** STAFF
TuTh 10:00am-11:15am (HHP 0103) Lab
0008 **(33380)** STAFF
TuTh 11:00am-12:15pm (HHP 0103) Lab
0009 **(33381)** STAFF
TuTh 4:00pm-5:15pm (HHP 0103) Lab
0010 **(33382)** STAFF
TuTh 2:00pm-3:15pm (HHP 0103) Lab

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1) REG/P-F.
0001 **(33392)** STAFF
MW 12:00pm-1:15pm (HHP 0103) Lab
0002 **(33393)** STAFF
TuTh 12:00pm-1:15pm (HHP 0103) Lab
0003 **(33394)** STAFF
TuTh 3:00pm-4:15pm (HHP 0103) Lab
0004 **(33395)** STAFF
MW 2:00pm-3:15pm (HHP 0103) Lab
0005 **(33396)** STAFF
TuTh 5:00pm-6:15pm (HHP 0103) Lab

KNES157Q Physical Education Activities: Coed: Body Building; (1) REG/P-F.
0001 **(33406)** STAFF
TuTh 1:00pm-2:15pm (HHP 0103)

KNES160N Physical Education Activities: Coed: Volleyball (Beginning); (1) REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/27/98. Schedule Adjustment Period is 1/27-2/2.
0001 **(33416)** STAFF
Meets 01/27/98-03/20/98
MW 1:00pm-3:00pm (HHP 2101) Lab

KNES160O Physical Education Activities: Coed: Volleyball (Intermediate); (1) REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/27/98. Schedule Adjustment Period is 1/27-2/2.
0001 **(33426)** STAFF
Meets 01/27/98-03/20/98
TuTh 8:00am-10:00am (HHP 2101) Lab
0002 **(33427)** STAFF
Meets 01/27/98-03/20/98
MW 10:00am-12:00pm (HHP 2101) Lab

KNES160P Physical Education Activities: Coed: Advanced Volleyball; (2) REG/P-F.
0001 **(33437)** STAFF
TuTh 3:00pm-5:00pm (HHP 2101) Lab

KNES161N Physical Education Activities: Coed: Conditioning (Beginning); (1) REG/P-F. Meets second eight weeks of term only. Students are required to attend class beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0001 **(33447)** STAFF
Meets 03/30/98-05/13/98
MW 10:00am-12:00pm (HHP 2101) Lab

KNES161Q Physical Education Activities: Coed: Conditioning (Aerobic Dance); (2) REG/P-F.
0001 **(33457)** STAFF
MW 1:00pm-3:00pm (HHP 2240) Lab

KNES161R Physical Education Activities: Coed: Conditioning (Step Aerobics); (2) REG/P-F.
0001 **(33467)** STAFF
TuTh 9:00am-11:00am (HHP 0102) Lab
0002 **(33468)** STAFF
MW 2:00pm-4:00pm (HHP 0102) Lab
0003 **(33469)** STAFF
MW 12:00pm-2:00pm (HHP 0102) Lab
0004 **(33470)** STAFF
TuTh 1:00pm-3:00pm (HHP 0102) Lab
0005 **(33471)** STAFF
TuTh 5:00pm-7:00pm (HHP 0102) Lab

KNES161V Physical Education Activities: Coed: Conditioning (Step Aerobics - Intermediate); (2) REG/P-F.
0001 **(33481)** STAFF
TuTh 3:00pm-5:00pm (HHP 0102) Lab
0002 **(33482)** STAFF
MW 10:00am-12:00pm (HHP 0102) Lab
0003 **(33483)** STAFF
TuTh 11:00am-1:00pm (HHP 0102) Lab

KNES182 Rhythmic Activities; (2) REG/P-F. *Formerly PHED 182.*
0101 **(33493)** STAFF
TuTh 8:00am-9:30am (HHP 2240)

KNES183 Movement Content for Elementary School Children; (3) REG/P-F/AUD. *Formerly PHED 183.*
0101 **(33503)** Straits, S.
TuTh 10:00am-11:00am (HHP 2240)
TuTh 11:00am-12:00pm (HHP 0306)

KNES202 Badminton Skills Laboratory; (1) REG/P-F/AUD. *Formerly PHED 202.* Meets first eight weeks of term only. Students are required to attend classes beginning 1/27/98. Schedule Adjustment Period is 1/27-2/2.
0101 **(33513)** STAFF
Meets 01/27/98-03/20/98
TuTh 1:00pm-3:00pm (HHP 2101) Lab

KNES210 Field Games Skills Laboratory; (1) REG/P-F. *Formerly PHED 210.* Meets second eight weeks only. Students are required to attend class beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0101 **(33523)** STAFF
Meets 03/30/98-05/13/98
TuTh 1:00pm-3:00pm (HHP 2240) Lab

KNES217 Tennis Skills Laboratory; (1) REG/P-F. *Formerly PHED 217.* Meets second eight weeks of term only. Students are required to attend classes beginning 3/30/98. Schedule Adjustment Period is 3/30-4/3.
0101 **(33533)** STAFF
Meets 03/30/98-05/13/98
TuTh 10:00am-12:00pm (HHP 2101) Lab

KNES221 Volleyball Skills Laboratory; (1) REG/P-F/AUD. *Formerly PHED 221.* Meets first eight weeks of term only. Students are required to attend classes beginning 1/27/98.
0101 **(33543)** STAFF
Meets 01/27/98-03/20/98
TuTh 10:00am-12:00pm (HHP 2101) Lab

KNES223 Weight Training and Aerobic Skills Laboratory; (2) REG/P-F. *Credit will be granted for only one of the following: KNES 222, KNES 223, and KNES 224.*
0101 **(33553)** Loftus, S.
MWF 8:00am-10:00am (HHP 0103)

KNES240 Exploring Cultural Diversity Through Movement; (3) REG/P-F/AUD. DIVERSITY
0101 **(33563)** Scott, M.
MWF 11:00am-11:50am (HHP 1301)

KNES260 Science of Physical Activity and Cardiovascular Health; (3) REG/P-F/AUD. CORE: LS
0101 **(33573)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
M 12:00pm-12:50pm (HHP 0303) Lab
0102 **(33574)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
W 12:00pm-12:50pm (HHP 0303) Lab
0103 **(33575)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
Tu 12:30pm-1:30pm (HHP 0303) Lab

KNES262 Philosophy of Sport; (3) REG/AUD. CORE: HO *Not open to students who have completed KNES 362. Credit will be granted for only one of the following: KNES 262 or KNES 362. Formerly KNES 362.*
0101 **(33585)** Swanson, L.
MWF 8:00am-8:50am (HHP 1301)
0201 **(33586)** Swanson, L.
MWF 9:00am-9:50am (HHP 1301)

KNES287 Sport and American Society; (3) REG/P-F/AUD. *Formerly PHED 287.*
0101 **(33596)** Vander Velden, L.
TuTh 9:30am-10:45am (HHP 1303)
0201 **(33597)** Vander Velden, L.
TuTh 11:00am-12:15pm (HHP 1303)

KNES289 *(PermReq)* **Topical Investigations; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

KNES293 History of Sport in America; (3) REG/P-F/AUD. CORE: SH *Formerly PHED 293.*
0101 **(33608)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:00am-8:50am (HHP 0306) Dis
0102 **(33609)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:55am-9:40am (HHP 0306) Dis
0103 **(33610)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Th 8:00am-8:50am (HHP 0303) Dis
0104 **(33611)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Th 8:55am-9:40am (HHP 0301) Dis
0105 **(33612)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
M 2:00pm-2:50pm (HHP 0303) Dis
0106 **(33613)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
M 3:00pm-3:50pm (HHP 0303) Dis
0107 **(33614)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:55am-9:40am (HHP 0305) Dis
0108 **(33615)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Th 8:55am-9:40am (HHP 0305) Dis

KNES300 Biomechanics of Human Motion; (4) REG/P-F/AUD. *Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 300.*
0101 **(33625)** Phillips, S.
MW 4:00pm-5:20pm (HHP 1312)
Tu 12:30pm-2:00pm (HHP 0307) Lab
0102 **(33626)** Phillips, S.
MW 4:00pm-5:20pm (HHP 1312)
Tu 2:00pm-3:30pm (HHP 0307) Lab
0103 **(33627)** Phillips, S.
MW 4:00pm-5:20pm (HHP 1312)
Th 12:30pm-2:00pm (HHP 0307) Lab
0104 **(33628)** Phillips, S.
MW 4:00pm-5:20pm (HHP 1312)
Th 2:00pm-3:30pm (HHP 0307) Lab
0105 **(33629)** Phillips, S.
MW 4:00pm-5:20pm (HHP 1312)
M 5:30pm-7:00pm (HHP 1303) Lab
0106 **(33630)** Phillips, S.
MW 4:00pm-5:20pm (HHP 1312)
W 5:30pm-7:00pm (HHP 1303) Lab

KNES314 *(PermReq)* **Methods in Physical Education; (3)** REG/P-F/AUD. *Prerequisite: KNES 183. Formerly PHED 314.* Course is offered in the spring semester only.
0101 **(33640)** Solmon, M.
MW 1:00pm-3:00pm (HHP 2132)

KNES333 Physical Activity for the Handicapped; (3) REG/P-F/AUD. *Formerly PHED 333.* Course is offered in the spring semester only.
0101 **(33650)** Vacante, D.
Th 7:00pm-9:30pm (HHP 0306)

KNES335 Swimming Pool Management; (2) REG/P-F/AUD. *Formerly PHED 335.*
0101 **(33660)** STAFF
TuTh 9:00am-9:50am (COL 0113) Lab

KNES340 Theory of Coaching Athletics; (2) REG/P-F/AUD. *Formerly PHED 340.*
0101 **(33670)** Drum, B.
MW 9:00am-9:50am (HHP 0307)

KNES350 The Psychology of Sports; (3) REG/P-F/AUD. *Formerly PHED 350.*
0101 **(33680)** Steel, D.
MW 2:00pm-3:15pm (HHP 1302)
0201 **(33681)** Hatfield, B.
TuTh 8:00am-9:15am (HHP 1301)
0301 **(33682)** Brown, E.
Tu 4:00pm-6:30pm (HHP 1301)
0401 **(33683)** Steel, D.
MW 10:00am-11:15am (HHP 0306)

KNES351 Contemporary Issues in American Sport; (3) REG/P-F/AUD. *Prerequisite: KNES 287. Formerly PHED 351.*
0101 **(33693)** Vander Velden, L.
TuTh 2:00pm-3:15pm (HHP 0306)

KNES360 Physiology of Exercise; (3) REG/P-F/AUD. *Prerequisites: {ZOOL 201; and ZOOL 202}; or permission of department. Formerly PHED 360.*
0101 **(33703)** Lindle, R.
Tu 10:00am-12:00pm (HHP 2132)
Th 10:00am-12:00pm (HHP 2132) Lab
0102 **(33704)** Lindle, R.
Tu 10:00am-12:00pm (HHP 2132)
Th 8:00am-10:00am (HHP 2132) Lab
0201 **(33705)** Lindle, R.
TuTh 1:00pm-3:00pm (HHP 2132)

KNES370 Motor Development; (3) REG/P-F/AUD. *Formerly PHED 370.*
0101 **(33715)** Clark, J.
MW 8:00am-9:00am (HHP 1312)
M 12:00pm-1:00pm (HHP 0305) Lab
0102 **(33716)** Clark, J.
MW 8:00am-9:00am (HHP 1312)
M 1:00pm-2:00pm (HHP 0305) Lab
0103 **(33717)** Clark, J.
MW 8:00am-9:00am (HHP 1312)
W 12:00pm-1:00pm (HHP 0305) Lab
0104 **(33718)** Clark, J.
MW 8:00am-9:00am (HHP 1312)
W 1:00pm-2:00pm (HHP 0305) Lab

KNES371 Elementary School Physical Education: A Movement Approach; (3) REG/P-F/AUD. *Prerequisites: KNES 183 and KNES 370. Formerly KNES 421.*
0101 **(33728)** Ennis, C.
TuTh 9:30am-10:45am (HHP 0303)

KNES385 Motor Learning and Skilled Performance; (3) REG/P-F/AUD. *Formerly PHED 385.* Course is offered in the spring semester only.
0101 **(33738)** Jeka, J.
M 7:00pm-9:00pm (HHP 1312)
M 11:00am-12:00pm (HHP 0302) Lab
0102 **(33739)** Jeka, J.
M 7:00pm-9:00pm (HHP 1312)
M 12:00pm-1:00pm (HHP 0302) Lab
0103 **(33740)** Jeka, J.
M 7:00pm-9:00pm (HHP 1312)
M 2:00pm-3:00pm (HHP 0302) Lab
0104 **(33741)** Jeka, J.
M 7:00pm-9:00pm (HHP 1312)
M 3:00pm-4:00pm (HHP 0302) Lab

KNES389 *(PermReq)* **Topical Investigations; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor and department.

KNES389E Topical Investigations: Childrens Development Clinic; (1) REG/P-F/AUD.
0101 **(33752)** Hahn, P.
Sa 8:30am-12:30pm (HHP 0103)

KNES389K *(PermReq)* **Topical Investigations: Independent Studies/ Internship; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

KNES389T Topical Investigations: Prevention and Care of Athletic Injuries-Advanced; (3) REG/P-F/AUD. Course is offered in the spring semester only.
0101 **(33780)** Bush, J.
MWF 8:00am-8:50am (HHP 1302)

KNES399 *(PermReq)* **Honors Thesis; (3)** REG/P-F/AUD.
0101 **(33790)** Struna, N.
Time and room to be arranged

KNES455 Scientific Bases of Athletic Conditioning; (3) REG/P-F/AUD. *Prerequisite: KNES 360. Formerly PHED 455.*
0101 **(33800)** Farmer, C.
W 4:00pm-6:30pm (HHP 0306)

KNES461 Exercise and Body Composition; (3) REG/P-F/AUD. *Prerequisite: KNES 360. Formerly PHED 461.*
0101 **(33810)** STAFF
Tu 5:00pm-7:30pm (HHP 2132)

KNES466 Graded Exercise Testing; (3) REG. *Prerequisite: KNES 360 or permission of department.*
0101 **(33820)** Kokkinos, P.
Th 5:00pm-7:30pm (HHP 0307)
0201 **(33821)** Kokkinos, P.
W 5:00pm-7:30pm (HHP 0307)

KNES481 Biophysical Aspects of Human Movement; (3) REG/P-F/AUD. *Prerequisites: KNES 300; and KNES 360; and KNES 3~0; and KNES 385. Formerly PHED 481.*
0101 **(33830)** Dotson, C.
M 2:00pm-4:00pm (HHP 0307)
W 2:00pm-4:00pm (HHP 0307) Lab

KNES492 History of the Sportswoman in American Organizations; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: KNES 293. Also offered as WMST 492. Credit will be granted for only one of the following: KNES 492 or WMST 492. Formerly PHED 492.*
0101 **(33840)** Struna, N.
TuTh 8:00am-9:15am (HHP 1302)

KNES497 Independent Studies Seminar; (3) REG/P-F. CORE: CS *Formerly PHED 49~.*
0101 **(33850)** Scott, M.
MWF 9:00am-9:50am (HHP 2132)
MWF 9:00am-9:50am (HHP 0305)
MWF 9:00am-9:50am (HHP 0302)
0201 **(33851)** Brown, E.
MWF 9:00am-9:50am (HHP 2132)
MWF 9:00am-9:50am (HHP 0305)
MWF 9:00am-9:50am (HHP 0307)

KNES498 *(PermReq)* **Special Topics in Physical Education; (3)** REG/P-F.
0101 **(33861)** Wrenn, J.
Time and room to be arranged

KNES498F Special Topics in Physical Education: Exercise and Aging; (3) REG/P-F/AUD.
0101 **(33871)** Hagberg, J.
M 4:00pm-6:30pm (HHP 1301)

KNES610 Methods and Techniques of Research; (3) REG/AUD. *Formerly PHED 610.* Course is offered in the spring semester only.
0101 **(33881)** Iso-Ahola, S.
M 4:00pm-6:30pm (HHP 0306)

KNES664 Seminar in Colonial and 19th Century Sport; (3) REG/AUD. *Prerequisite: KNES 662 or permission of department. Formerly PHED 664.*
0101 **(33891)** Struna, N.
Tu 4:00pm-6:30pm (HHP 0303)

KNES670 Biomechanics Theory; (3) REG/AUD. *Prerequisite: MATH 141 or MATH 221. Formerly PHED 6~0.*
0101 **(33901)** Phillips, S.
Th 4:00pm-6:30pm (HHP 0302)

KNES689 *(PermReq)* **Special Problems in Kinesiology; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

KNES6891 Special Problems in Kinesiology: Motor Control Theory; (3) REG/AUD.
0101 **(33929)** Jeka, J.
Tu 4:00pm-6:30pm (HHP 0301)

KNES689P Special Problems in Kinesiology: Development of Posture and Locomotion; (3) REG/AUD.
0101 **(33939)** Clark, J.
W 4:00pm-6:30pm (HHP 0303)

KNES689X Special Problems in Kinesiology: Social Psychology of Leisure and Sports; (3) REG/AUD.
0101 **(33949)** Iso-Ahola, S.
Tu 4:00pm-6:30pm (HHP 0306)

KNES689Y Special Problems in Kinesiology: Current Literature in Exercise Physiology; (1) REG/AUD.
0101 **(33959)** Rogers, M.
F 12:00pm-1:00pm (HHP 2132)

KNES689Z Special Problems in Kinesiology: Current Literature in Movement Sciences; (3) REG/AUD.
0101 **(33969)** Jeka, J.
F 4:00pm-5:00pm (HHP 2132)

KNES694 Metabolic Aspects of Exercise Physiology; (3) REG/AUD. *Prerequisite: KNES 360 or KNES 690. Recommended: BCHM 461 and BCHM 462. Formerly PHED 694.*
0101 **(33979)** Rogers, M.
W 4:00pm-6:30pm (HHP 2132)

KNES695 Laboratory Techniques in Exercise Physiology; (3) REG/AUD. *Prerequisite: KNES 360, CHEM 103, CHEM 104, and BCHM 261. Formerly PHED 695.*
0101 **(33989)** Rogers, M.
Th 4:00pm-6:30pm (HHP 2131)

KNES789K Advanced Seminar: Research Design and Statistics in Pedagogy; (3) REG/AUD.
0101 **(33999)** Solmon, M.
M 4:00pm-6:30pm (HHP 2130)

KNES789O Advanced Seminar: Curriculum/Theory; (3) REG/AUD.
0101 **(34009)** Ennis, C.
Tu 4:00pm-6:30pm (HHP 2130)

KNES789Q Advanced Seminar: Sport Marketing; (3) REG/AUD.
0101 **(34019)** McDaniel, S.
Tu 4:00pm-6:30pm (HHP 0302)

KNES789R *(PermReq)* **Advanced Seminar: Psychophysiological Aspects of Exercise and Sport; (3)** REG/AUD.
0101 **(34029)** Hatfield, B.
Th 3:00pm-5:30pm (HHP 0301)

KNES799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

KNES899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

KORA Korean
(Arts and Humanities)

KORA211 Introductory Reading for Speakers of Korean I; (3) REG/P-F/AUD. *Not open to students who have completed three or more years of Korean schooling.*
0101 **(34121)** Ramsey, Y.
TuTh 11:00am-12:15pm (JMZ 3203)

KORA212 Introductory Reading for Speakers of Korean II; (3) REG/P-F/AUD. *Prerequisite: KORA 211. Not open to students who have completed three or more years of Korean schooling.*
0101 **(34131)** Ramsey, Y.
TuTh 2:00pm-3:15pm (JMZ 0120)

LARC Landscape Architecture
(Agriculture and Natural Resources)

LARC141 *(PermReq)* **Design Fundamentals; (3)** REG/P-F/AUD. *Prerequisite: LARC 140. For LARC majors only. Formerly LARC 161.*
0101 **(34181)** Hill, M.
MW 2:00pm-2:50pm (PLS 1146)
MW 3:00pm-4:50pm (PLS 2154) Lab

LARC241 Electronic Studio; (3) REG/P-F/AUD. *Prerequisite: LARC 240. For LARC majors only. Formerly LARC 261.*
0101 **(34191)** Pihlak, M.
MW 2:00pm-2:50pm (PLS 1162)
MW 3:00pm-4:50pm (PLS 2152) Lab

LARC263 History of Landscape Architecture; (3) REG/P-F/AUD. *Formerly LARC 3~0.*
0101 **(34201)** Sullivan, J.
TuTh 9:30am-10:45am (ARC 1103)

LARC265 *(PermReq)* **Site Analysis and Design; (3)** REG/P-F/AUD. *Prerequisite: permission of department. For LARC majors only. Also offered as ARCH 460.*
0101 **(34211)** Hilsenrath, E.
TuTh 12:30pm-1:45pm (ARC 0204)

LARC321 Landscape Structures and Materials; (3) REG/P-F/AUD. *Prerequisites: LARC 320 and LARC 340. For LARC majors only. Also offered as HORT 321. Formerly LARC 465.*
0101 **(34221)** STAFF
M 9:00am-9:50am (PLS 2156)
M 10:00am-11:50am (PLS 1142) Lab
W 9:00am-11:50am (PLS 1142) Lab

LARC340 Site Design Studio; (4) REG/P-F/AUD. *Prerequisites: LARC 241 and (LARC 265 or ARCH 460). For LARC majors only. Formerly LARC 466.*
0101 **(34231)** Hilsenrath, E.
MW 2:00pm-2:50pm (PLS 1164)
MW 3:00pm-5:50pm (PLS 2150) Lab

LARC388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(34232)** STAFF
Time and room to be arranged

LARC471 Capstone Studio; (4) REG/P-F/AUD. CORE: CS *Prerequisites: LARC 420 and LARC 440 and LARC 4~0. For LARC majors only.*
0101 **(34241)** Sullivan, J.
MW 2:00pm-5:50pm (PLS 2148) Lab

LARC499 Independent Studies in Landscape Architecture; (1-4) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LASC Certificate in Latin American Studies
(Arts and Humanities)

LASC403 *(PermReq)* **Research and Information Sources in Latin Studies; (1)** REG/P-F/AUD.
0101 **(34255)** Griner, L.
Meets 02/11/98-04/01/98
W 1:00pm-3:30pm (MCK 4137)

LASC458 *(PermReq)* **Senior Capstone Course in Latin American Studies; (3)** REG/P-F/AUD.
0101 **(34256)** Sosnowski, S.
TuTh 2:00pm-3:15pm (JMZ 1226)

LATN Latin
(Arts and Humanities)

LATN101 Elementary Latin I; (4) REG/P-F/AUD. *A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit.*
0101 **(34304)** Nolder, M.
MWF 10:00am-10:50am (PLS 1117)
F 9:00am-9:50am (PLS 1117)
0201 **(34305)** Nolder, M.
MWF 1:00pm-1:50pm (PLS 1117)
F 12:00pm-12:50pm (PLS 1117)

LATN102 Elementary Latin II; (4) REG/P-F/AUD. *Prerequisite: LATN 101 at UMCP or permission of department.*
0101 **(34315)** Staley, G.
MWF 10:00am-10:50am (ARM 0110)
F 9:00am-9:50am (ARM 0110)

LATN201 Intermediate Latin; (4) REG/P-F/AUD. CORE: HO *Prerequisite: LATN 102 at UMCP or permission of department. Formerly LATN 203.*
0101 **(34325)** Rutledge, S.
MWF 10:00am-10:50am (HBK 1108)
M 9:00am-9:50am (HBK 0103)

LATN303 Petronius; (3) REG/P-F/AUD.
0101 **(34335)** Staley, G.
MW 3:30pm-4:45pm (SKN 1112)

LATN488 Latin Readings: Tacitus; (3) REG/P-F/AUD.
0101 **(34345)** Rutledge, S.
M 5:00pm-7:40pm (MMH 2407A)

LATN488B Latin Readings: Augustan Age; (3) REG/P-F/AUD.
0101 **(34355)** Lee, H.
W 5:00pm-7:40pm (MMH 0108)

LATN499 *(PermReq)* **Independent Study in Latin Language and Literature; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LATN623 The Augustan Age; (3) REG/AUD.
0101 **(34370)** Lee, H.
W 5:00pm-7:40pm (MMH 0108)

LATN688 Special Topics in Latin Literature: Tacitus; (3) REG/AUD.
0101 **(34380)** Rutledge, S.
M 5:00pm-7:40pm (MMH 2407A)

LATN699 Independent Studies in Latin Literature; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LBSC Library Science
(Library and Information Services)

LBSC601 *(PermReq)* **Information Use; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34454)** Hahn, T.
M 5:30pm-8:15pm (HBK 0115)

LBSC632 *(PermReq)* **Library Personnel Management and Communication; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34464)** Walston, C.
M 1:00pm-3:45pm (HBK 0105)

LBSC645 *(PermReq)* **Children's Literature and Materials; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34474)** Macleod, A.
W 5:30pm-8:15pm (HBK 0115)

LBSC670 *(PermReq)* **Information Structure; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34494)** Soergel, D.
Tu 2:00pm-4:45pm (HBK 0103)
0201 **(34495)** Soergel, D.
Tu 6:00pm-8:45pm (HBK 0103)

LBSC690 *(PermReq)* **Information Technology; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34505)** Marchionini, G.
W 9:30am-12:15pm (HBK 0105)
0201 **(34506)** STAFF
Th 5:30pm-8:15pm (HBK 0109)

LBSC702 *(PermReq)* **User Instruction; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34516)** Fisher, S.
Tu 5:30pm-8:15pm (HBK 0105)

LBSC705 *(PermReq)* **Seminar in Information for Decision-Making; (3)** REG/AUD.
0101 **(34526)** Walston, C.
M 5:30pm-8:15pm (HBK 4113)

LBSC707 *(PermReq)* **Field Study in Library Service; (3)** REG/AUD. *Prerequisites: LBSC 600; and LBSC 651; and LBSC 6~1; and {LBSC 690 or LBSC 691} and permission of both department and instructor.*
0101 **(34536)** Wilson, W.
W 4:00pm-5:30pm (HBK 4115)

LBSC708A *(PermReq)* **Special Topics in Library and Information Service: Information Retrieval Systems; (3)** REG/AUD.
0101 **(34537)** Oard, D.
M 1:00pm-3:45pm (HBK 4115)

LBSC708F *(PermReq)* **Special Topics in Library and Information Service: Information Design; (3)** REG/AUD.
0101 **(34538)** Tonfoni, G.
Th 2:00pm-4:45pm (HBK 4113)

LBSC708U *(PermReq)* **Special Topics in Library and Information Service: Management of Archives: Principles, Practices, and Techniques; (3)** REG/AUD.
0101 **(34556)** Dearstyne, B.
Tu 5:30pm-8:15pm (HBK 4113)

LBSC709 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office.

LBSC732 *(PermReq)* **Advanced Archival Administration; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34580)** Dearstyne, B.
W 1:00pm-3:45pm (HBK 0115)

LBSC733 *(PermReq)* **Seminar in Library and Information Networks; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34590)** Walston, C.
Tu 2:00pm-4:45pm (HBK 0105)

LBSC742 *(PermReq)* **Instructional Development Roles of Library Media Specialists; (3)** REG/AUD. *Prerequisites: permission of department; and LBSC 643 or permission of instructor.*
0101 **(34600)** Neuman, M.
Th 5:30pm-8:15pm (HBK 0115)

LBSC744 *(PermReq)* **Field Study in School Library Media Programs; (3)** REG/AUD. *Prerequisites: permission of department; and LBSC 741; and {LBSC 742 or EDCI 605 or permission of instructor}.*
0101 **(34610)** Liesener, J.
Th 2:00pm-4:45pm (HBK 4115)

LBSC745 *(PermReq)* **Storytelling Materials and Techniques; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34620)** Sheldon, A.
Tu 2:00pm-4:45pm (HBK 0115)

LBSC746 *(PermReq)* **Analysis of Client Groups: Young Adults; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34630)** Liesener, J.
M 5:30pm-8:15pm (HBK 4115)

LBSC748 *(PermReq)* **Advanced Seminar in Children's Literature; (3)** REG/AUD.
0101 **(34640)** Macleod, A.
Tu 9:30am-12:15pm (HBK 4113)

LBSC750 *(PermReq)* **Advanced Reference Services; (3)** REG/AUD. *Prerequisites: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(34650)** Abels, E.
W 9:30am-12:15pm (HBK 0103)
0201 **(34651)** STAFF
M 6:00pm-8:45pm (HBK 0103)

LBSC753 *(PermReq)* **Literature and Research in the Social Sciences; (3)** REG/AUD. *Prerequisites: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(34660)** White, M.
W 5:30pm-8:15pm (HBK 0105)

LBSC766 *(PermReq)* **Business Information Services; (3)** REG/AUD. *Prerequisite: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(34680)** Abels, E.
M 9:30am-12:15pm (HBK 0115)

LBSC767 *(PermReq)* **Governmental Information Systems; (3)** REG/AUD. *Prerequisite: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(34690)** White, M.
W 1:00pm-3:45pm (HBK 0105)

LBSC770 *(PermReq)* **Bibliographic Control; (3)** REG/AUD. *Prerequisite: permission of department; and either LBSC 6~1 or permission of instructor.*
0101 **(34700)** Boehr, D.
W 5:30pm-8:15pm (HBK 0109)

LBSC774 *(PermReq)* **Seminar in Linguistic Topics; (3)** REG/AUD. *Prerequisite: permission of department; and either LBSC 6~1 or permission of instructor. Recommended: LBSC 6~5.*
0101 **(34701)** STAFF
W 1:00pm-3:45pm (HBK 4113)

LBSC786 *(PermReq)* **Library and Archives Preservation; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34720)** STAFF
Th 5:30pm-8:15pm (HBK 0103)

LBSC791 *(PermReq)* **Computer Applications in Information Management; (3)** REG/AUD. *Prerequisite: permission of department; and either LBSC 690 or LBSC 691 or permission of instructor.*
0101 **(34730)** Marchionini, G.
Th 9:30am-12:15pm (HBK 0115)

LBSC797 *(PermReq)* **Computers and Archival Administration; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34731)** Prentice, A.
Tu 2:00pm-4:45pm (HBK 4113)

LBSC799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

LBSC878 *(PermReq)* **Doctoral Seminar in Information Studies: Communication and Information Transfer; (3)** REG/AUD. Limited to doctoral students and advanced MLS students with permission of instructor.
0101 **(34750)** Abels, E.
Tu 11:30am-2:30pm (HBK 4115)

LBSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

LING Linguistics
(Arts and Humanities)

LING200 Introductory Linguistics; (3) REG/P-F/AUD. CORE: SB *Not open to students who have completed ANTH 3~1 or HESP 120.* Basis for future work in linguistics.
0101 **(34817)** STAFF
MWF 12:00pm-12:50pm (MMH 0108)
0201 **(34818)** Struijke, C.
TuTh 9:30am-10:45am (ARM 0103)
0301 **(34819)** Morelli, F.
TuTh 12:30pm-1:45pm (ARM 0119)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

(LING200 cont'd)

0501 **(34820)** Pires, A.
MW 4:00pm-5:15pm (KEY 0126)
0601 **(34821)** Drury, J.
TuTh 3:30pm-4:45pm (TYD 0117)
0701 **(34822)** STAFF
MWF 10:00am-10:50am (COL 3112)
0801 **(34823)** Cranford, V.
TuTh 11:00am-12:15pm (ARM 0103)

LING240 Language and Mind; (3) REG/P-F/AUD. CORE: HO
0101 **(34833)** Hornstein, N.
TuTh 9:30am-10:45am (ARM 0116)

LING312 Syntax II; (3) REG/P-F/AUD. *Prerequisite: LING 311.*
0101 **(34844)** Uriagereka, J.
TuTh 9:30am-10:45am (SKN 1115)

LING322 Phonology II; (3) REG/P-F/AUD. *Prerequisite: LING 321.*
0101 **(34854)** Lombardi, L.
TuTh 12:30pm-1:45pm (MMH 3418)

LING350 Philosophy of Language; (3) REG/P-F/AUD. *Prerequisite: PHIL 170 or PHIL 173 or PHIL 371; or LING 311.*
0101 **(34864)** Devitt, M.
TuTh 12:30pm-1:45pm (WDS 1131)

LING419 Topics in Syntax; (3) REG/P-F/AUD.
0101 **(34874)** Uriagereka, J.
Time and room to be arranged

LING421 Advanced Phonology; (3) REG/P-F/AUD. *Prerequisite: LING 322.*
0101 **(34884)** Lombardi, L.
TuTh 2:00pm-3:15pm (MMH 1304)

LING429 *(PermReq)* **Topics in Phonology; (3)** REG/P-F/AUD.
0101 **(34894)** Lombardi, L.
Time and room to be arranged

LING430 Language Change; (3) REG/P-F/AUD. *Prerequisite: LING 240.*
0101 **(34904)** Lightfoot, D.
TuTh 11:00am-12:15pm (MMH 1304)

LING455 Second Language Learning; (3) REG/P-F/AUD.
0101 **(34914)** Thornton, R.
MW 2:00pm-3:15pm (JMZ 0125)

LING499 *(PermReq)* **Directed Studies in Linguistics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LING499H *(PermReq)* **Directed Studies in Linguistics: Honors; (1-3)** REG/P-F/AUD.
0101 **(34933)** Lightfoot, D.
Time and room to be arranged

LING611 Issues in Syntax; (3) REG/AUD. *Prerequisite: LING 610.*
0101 **(34943)** Hornstein, N.
W 2:00pm-4:30pm (MMH 3416A)

LING621 *(PermReq)* **Issues in Phonology; (3)** REG/AUD. *Prerequisite: LING 620.*
0101 **(34953)** Benua, L.
Tu 2:00pm-5:00pm (JMZ 0208)
Time and room to be arranged Dis

LING640 *(PermReq)* **Sentence Processing; (3)** REG/AUD. *Prerequisite: permission of instructor.*
0101 **(34963)** Weinberg, A.
F 9:30am-12:00pm (ARM 0108)

LING644 *(PermReq)* **Language Acquisition; (3)** REG/AUD. *Prerequisite: LING 640.*
0101 **(34973)** Thornton, R.
W 9:30am-12:00pm (MMH 0108)

LING689 *(PermReq)* **Independent Study: Directed Research; (1-3)** REG/AUD.
0101 **(34983)** Hornstein, N.
Time and room to be arranged

LING698 *(PermReq)* **Directed Study; (1-3)** REG.
0101 **(34993)** Crain, S.
F 2:00pm-4:00pm (MMH 1304)
Time and room to be arranged Dis

LING798 *(PermReq)* **Research Papers in Linguistics; (1-6)** REG.
0101 **(35003)** Weinberg, A.
Time and room to be arranged

LING799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

LING829 Seminar in Phonological Theory; (3) REG/AUD.
0101 **(35014)** Benua, L.
F 11:00am-1:00pm (MMH 3418)

LING839 Seminar in Language Change: Language Change and Language Learnability; (3) REG/AUD.
0101 **(35024)** Lightfoot, D.
M 10:00am-12:30pm (Arranged)

LING889 Directed Research; (1-8) REG/AUD.
0101 **(35034)** Crain, S.
Time and room to be arranged

LING889A Directed Research: Seminar on Neurolinguistics; (3) REG/AUD.
0101 **(35044)** STAFF
M 1:00pm-4:00pm (MMH 1304)

LING889B Directed Research: Comparative Methodology in Linguistics; (3) REG/AUD.
0101 **(35054)** Resnik, P.
W 2:00pm-4:30pm (TLF 2101)

LING889C Directed Research: Seminar on Minimalism; (3) REG/AUD.
0101 **(35064)** Uriagereka, J.
Th 1:00pm-3:30pm (ARM 0120)

LING889D Directed Research: Lexical Semantics at the Syntax Interface; (3) REG/AUD.
0101 **(35074)** Olsen, M.
Tu 9:30am-12:00pm (Arranged)

LING895 Doctoral Research Paper; (6) REG. Individual Instruction course: contact department or instructor to obtain section number.

LING899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MAPL Applied Mathematics (Computer, Mathematical and Physical Sciences)

MAPL460 Computational Methods; (3) REG/P-F/AUD. *Prerequisites: [a grade of C or better in MATH 240 and MATH 241]; and [CMSC 104 or CMSC 113]. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.*
0101 **(35151)** Glaz, H.
MWF 1:00pm-1:50pm (MTH 0103)
0201 **(35152)** Osborn, J.
TuTh 8:00am-9:15am (MTH 0405)

MAPL466 Introduction to Numerical Analysis I; (3) REG/P-F/AUD. *Prerequisites: [a grade of C or better in MATH 240 and MATH 241]; and CMSC 104. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.*
0201 **(35163)** STAFF
TuTh 2:00pm-3:15pm (MTH 0405)

MAPL498A Selected Topics in Applied Mathematics; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MAPL600 Advanced Linear Numerical Analysis; (3) REG/AUD. *Prerequisite: CMSC/MAPL 666 or permission of instructor. Also offered as CMSC 760.*
0101 **(35177)** Stewart, G.
TuTh 2:00pm-3:15pm (CLB 0104)

MAPL610 Numerical Solution of Ordinary Differential Equations; (3) REG/AUD. *Prerequisites: a two semester course in numerical analysis and a one semester advanced undergraduate course in ordinary differential equations; or permission of instructor.*
0101 **(35187)** Greenberg, L.
TuTh 11:00am-12:15pm (MTH B0431)

MAPL666 Numerical Analysis I; (3) REG/AUD. *Prerequisites: MAPL 466; and MATH 410. Also offered as CMSC 666.*
0101 **(35197)** Wolfe, P.
MWF 9:00am-9:50am (MTH 0303)

MAPL667 Numerical Analysis II; (3) REG/AUD. *Prerequisite: MAPL 666. Also offered as CMSC 766.* Course is offered in the spring semester only.
0101 **(35207)** Nochetto, R.
TuTh 11:00am-12:15pm (MTH 0201)

MAPL671 Ordinary Differential Equations II; (3) REG/AUD. *Prerequisite: MATH 630; and MATH/MAPL 670 or equivalent. Also offered as MATH 671.* Course is offered in the spring semester only.
0101 **(35217)** Stuck, G.
TuTh 12:30pm-1:45pm (MTH 0107)

MAPL674 Partial Differential Equations II; (3) REG/AUD. *Prerequisite: MATH/MAPL 673 or permission of instructor. Also offered as MATH 674. Credit will be granted for only one of the following: MAPL 674 or MATH 674.* Course is offered in the spring semester only.
0101 **(35227)** Glaz, H.
MWF 11:00am-11:50am (MTH 0302)

MAPL698A Advanced Topics in Applied Mathematics; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MAPL698B Advanced Topics in Applied Mathematics: Scientific Computing II; (3) REG/AUD.
0101 **(35277)** Von Petersdorff, T.
TuTh 3:30pm-4:45pm (MTH 0307)

MAPL698C Advanced Topics in Applied Mathematics: Modern Analytic and Geometric Approaches to Classical Mechanics and Control Theory II; (3) REG/AUD. Also offered as ENEE 769Q.
0101 **(35287)** Krishnaprasad, P.
TuTh 2:00pm-3:15pm (MTH 0104)

MAPL699 Applied Mathematics Seminar: Models and Methods in Equilibrium Statistical Mechanics; (1) REG/AUD.
0101 **(35297)** Glaz, H.
Time and room to be arranged

MAPL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MAPL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MATH Mathematics (Computer, Mathematical and Physical Sciences)

MATH001 Review of High School Algebra; (3) REG. *Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* The notation 3 credits is used only for billing and full-time or part-time status. There is a special fee of $175 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics.
0101 **(35479)** STAFF
MWF 8:00am-8:50am (MTH 0409)
0201 **(35481)** STAFF
MWF 9:00am-9:50am (MTH 0409)
0301 **(35483)** STAFF
MWF 10:00am-10:50am (MTH 0409)
0302 **(35484)** STAFF
MWF 10:00am-10:50am (MTH 0411)
0401 **(35486)** STAFF
MWF 11:00am-11:50am (MTH 0409)
0402 **(35487)** STAFF
MWF 11:00am-11:50am (MTH 0411)
0501 **(35489)** STAFF
MWF 12:00pm-12:50pm (MTH 1308)
0502 **(35490)** STAFF
MWF 12:00pm-12:50pm (MTH 0102)
0601 **(35491)** STAFF
MWF 1:00pm-1:50pm (MTH 1308)
0602 **(35492)** STAFF
MWF 1:00pm-1:50pm (MTH 0102)

MATH002 Advanced Review of High School Algebra; (3) REG. *Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: MATH 001 or satisfactory score on the mathematics placement exam. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* The notation 3 credits is used for billing and full-time or part-time status. There is a special $175 fee for MATH 002. If dropping course, see Withdrawal and Refund of Fees-Special Refund Deadline in the Financial Information section of the Schedule of Classes. Anyone registering for MATH 002 must have already completed at least one full year of high school algebra. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics.
0111 **(35502)** STAFF
MW 9:00am-9:50am (ARM 0117)
TuTh 8:00am-8:50am (MTH B0423) Dis
0121 **(35503)** STAFF
MW 9:00am-9:50am (ARM 0117)
TuTh 9:00am-9:50am (MTH B0423) Dis
0211 **(35504)** STAFF
MW 10:00am-10:50am (ARM 0117)
TuTh 8:00am-8:50am (MTH 0107) Dis
0221 **(35505)** STAFF
MW 10:00am-10:50am (ARM 0117)
TuTh 9:00am-9:50am (MTH 0107) Dis
0311 **(35506)** STAFF
MW 11:00am-11:50am (ARM 0112)
TuTh 8:00am-8:50am (MTH 0201) Dis
0321 **(35507)** STAFF
MW 11:00am-11:50am (ARM 0112)
TuTh 9:00am-9:50am (MTH 0201) Dis
0411 **(35509)** STAFF
MW 12:00pm-12:50pm (CHM 0119)
TuTh 12:00pm-12:50pm (MTH 1311) Dis
0421 **(35510)** STAFF
MW 12:00pm-12:50pm (CHM 0119)
TuTh 1:00pm-1:50pm (MTH 1311) Dis
0511 **(35511)** STAFF
TuTh 9:00am-9:50am (ARM 0117)
MW 9:00am-9:50am (MTH 0304) Dis
0521 **(35512)** STAFF
TuTh 9:00am-9:50am (ARM 0117)
MW 10:00am-10:50am (MTH 0304) Dis
0611 **(35513)** STAFF
TuTh 10:00am-10:50am (ARM 0135)
MW 9:00am-9:50am (MTH 0201) Dis
0621 **(35514)** STAFF
TuTh 10:00am-10:50am (ARM 0135)
MW 10:00am-10:50am (MTH 0201) Dis
0711 **(35516)** STAFF
TuTh 11:00am-11:50am (CHM 0115)
MW 11:00am-11:50am (MTH 0304) Dis
0721 **(35517)** STAFF
TuTh 11:00am-11:50am (CHM 0115)
MW 12:00pm-12:50pm (MTH 0304) Dis
0811 **(35519)** STAFF
TuTh 12:00pm-12:50pm (ARM 0135)
MW 12:00pm-12:50pm (MTH 0201) Dis
0821 **(35520)** STAFF
TuTh 12:00pm-12:50pm (ARM 0135)
MW 1:00pm-1:50pm (MTH 0201) Dis

MATH110 Elementary Mathematical Models; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 002. Not open to students majoring in mathematics, engineering, and the physical sciences. Not open to students who have completed MATH 140, 220, or any MATH or STAT course for which MATH 140 or 220 is a prerequisite.* All sections will require the use of a graphics calculator. Instructor will use a TI-82 or TI-83.
0101 **(35531)** STAFF
MWF 11:00am-11:50am (MTH 0407)
0102 **(35532)** STAFF
MWF 11:00am-11:50am (MTH 0405)
0103 **(35533)** STAFF
MWF 11:00am-11:50am (MTH 0307)
0201 **(35535)** STAFF
MWF 12:00pm-12:50pm (MTH 0407)
0202 **(35536)** STAFF
MWF 12:00pm-12:50pm (MTH 0405)
0203 **(35537)** STAFF
MWF 12:00pm-12:50pm (MTH 0307)
0301 **(35539)** STAFF
MWF 1:00pm-1:50pm (MTH 0407)
0302 **(35540)** STAFF
MWF 1:00pm-1:50pm (MTH 0405)
0401 **(35542)** STAFF
MWF 2:00pm-2:50pm (MTH 0407)
0402 **(35543)** STAFF
MWF 2:00pm-2:50pm (MTH 0405)

MATH111 Introduction to Probability; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Not open to students who have completed STAT 100 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.*
0101 **(35554)** STAFF
MWF 1:00pm-1:50pm (MTH 0409)
0102 **(35555)** STAFF
MWF 1:00pm-1:50pm (MTH 0106)
0103 **(35556)** STAFF
MWF 1:00pm-1:50pm (MTH 0306)
0201 **(35559)** STAFF
MWF 2:00pm-2:50pm (MTH 0409)
0202 **(35560)** STAFF
MWF 2:00pm-2:50pm (MTH 0106)
0203 **(35561)** STAFF
MWF 2:00pm-2:50pm (MTH 0306)
0311 **(35564)** Yusko, P.
MWF 11:00am-11:50am (SKN 0200)
Tu 8:00am-8:50am (MTH B0425) Dis
0312 **(35565)** Yusko, P.
MWF 11:00am-11:50am (SKN 0200)
Tu 8:00am-8:50am (MTH B0427) Dis
0321 **(35566)** Yusko, P.
MWF 11:00am-11:50am (SKN 0200)
Tu 9:00am-9:50am (MTH B0425) Dis
0322 **(35567)** Yusko, P.
MWF 11:00am-11:50am (SKN 0200)
Tu 9:00am-9:50am (MTH B0427) Dis
0331 **(35568)** Yusko, P.
MWF 11:00am-11:50am (SKN 0200)
Tu 10:00am-10:50am (MTH B0425) Dis
0332 **(35569)** Yusko, P.
MWF 11:00am-11:50am (SKN 0200)
Tu 10:00am-10:50am (MTH B0427) Dis
0341 **(35570)** Yusko, P.
MWF 11:00am-11:50am (SKN 0200)
Tu 11:00am-11:50am (MTH B0425) Dis
0342 **(35571)** Yusko, P.
MWF 11:00am-11:50am (SKN 0200)
Tu 11:00am-11:50am (MTH B0427) Dis

MATH113 College Algebra with Applications; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 002. Not open to students who have completed MATH 140 or MATH 220 or any course for which MATH 140 or MATH 220 is a prerequisite. Credit will be granted for only one of the following: (MATH 110 or MATH 113), or (MATH 113 or MATH 115).* All sections will require the use of a graphics calculator. Instructor will use a TI-82 or TI-83.
0101 **(35581)** STAFF
MWF 10:00am-10:50am (MTH 0103)
0102 **(35582)** STAFF
MWF 10:00am-10:50am (MTH 1313)
0201 **(35585)** STAFF
MWF 11:00am-11:50am (MTH 0103)
0202 **(35586)** STAFF
MWF 11:00am-11:50am (MTH 1313)
0301 **(35589)** STAFF
MWF 3:00pm-3:50pm (MTH 0103)
0302 **(35590)** STAFF
MWF 3:00pm-3:50pm (MTH 0409)
0401 **(35593)** STAFF
MWF 4:00pm-4:50pm (MTH 0103)
0402 **(35594)** STAFF
MWF 4:00pm-4:50pm (MTH 0409)
0511 **(35596)** Stone, J.
MWF 9:00am-9:50am (ARM 0131)
Tu 8:00am-9:15am (MTH 0106) Dis
0512 **(35597)** Stone, J.
MWF 9:00am-9:50am (ARM 0131)
Tu 8:00am-9:15am (MTH 1313) Dis
0521 **(35598)** Stone, J.
MWF 9:00am-9:50am (ARM 0131)
Tu 9:30am-10:45am (MTH 0106) Dis
0522 **(35599)** Stone, J.
MWF 9:00am-9:50am (ARM 0131)
Tu 9:30am-10:45am (MTH 1313) Dis
0531 **(35600)** Stone, J.
MWF 9:00am-9:50am (ARM 0131)
Tu 11:00am-12:15pm (MTH 0106) Dis
0532 **(35601)** Stone, J.
MWF 9:00am-9:50am (ARM 0131)
Tu 11:00am-12:15pm (MTH 1313) Dis
0541 **(35602)** Stone, J.
MWF 9:00am-9:50am (ARM 0131)
Tu 12:30pm-1:45pm (MTH 0106) Dis
0551 **(35603)** Stone, J.
MWF 9:00am-9:50am (ARM 0131)
Tu 2:00pm-3:15pm (MTH 0106) Dis
0561 **(35604)** Stone, J.
MWF 9:00am-9:50am (ARM 0131)
Tu 3:30pm-4:45pm (MTH 0106) Dis

MATH115 Precalculus; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Not open to students who have completed MATH 140 or any MATH or STAT course for which MATH 140 is a prerequisite.* Preparation for MATH 220 or MATH 140. All sections will require the use of a graphics calculator. Instructor will use a TI-82 or TI-83.
0101 **(35614)** STAFF
MWF 8:00am-8:50am (MTH 0407)
0201 **(35617)** STAFF
MWF 9:00am-9:50am (MTH 0407)
0202 **(35618)** STAFF
MF 9:00am-9:50am (MTH 0307)
W 8:00am-9:50am (MTH 0307)
0301 **(35620)** STAFF
MWF 3:00pm-3:50pm (MTH 0407)
0401 **(35622)** STAFF
MWF 4:00pm-4:50pm (MTH 0407)
0711 **(35624)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 8:00am-9:15am (MTH 0106) Dis
0712 **(35625)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 8:00am-9:15am (MTH 1313) Dis
0721 **(35626)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 9:30am-10:45am (MTH 0106) Dis
0722 **(35627)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 9:30am-10:45am (MTH 1313) Dis
0731 **(35628)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 11:00am-12:15pm (MTH 0106) Dis
0732 **(35629)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 11:00am-12:15pm (MTH 1313) Dis
0741 **(35630)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 12:30pm-1:45pm (MTH 0106) Dis
0751 **(35631)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 2:00pm-3:15pm (MTH 0106) Dis
0761 **(35632)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0131)
Th 3:30pm-4:45pm (MTH 0106) Dis

MATH140 Calculus I; (4) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220.* All sections will require use of a graphics calculator. Instructor will use a TI-82 or TI-83.

0111 **(35642)** Rosenberg, J.
MWF 9:00am-9:50am (ARM 0135)
TuTh 8:00am-8:50am (MTH 0407) Dis

0121 **(35644)** Rosenberg, J.
MWF 9:00am-9:50am (ARM 0135)
TuTh 9:00am-9:50am (MTH 0407) Dis

0131 **(35646)** Rosenberg, J.
MWF 9:00am-9:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 0407) Dis

0132 **(35647)** Rosenberg, J.
MWF 9:00am-9:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 0306) Dis

0141 **(35648)** Rosenberg, J.
MWF 9:00am-9:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 0407) Dis

0142 **(35649)** Rosenberg, J.
MWF 9:00am-9:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 0306) Dis

0211 **(35650)** Ellis, R.
MWF 10:00am-10:50am (ARM 0135)
TuTh 8:00am-8:50am (MTH 0307) Dis

0221 **(35652)** Ellis, R.
MWF 10:00am-10:50am (ARM 0135)
TuTh 9:00am-9:50am (MTH 0307) Dis

0231 **(35654)** Ellis, R.
MWF 10:00am-10:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 0307) Dis

0232 **(35655)** Ellis, R.
MWF 10:00am-10:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 0403) Dis

0241 **(35656)** Ellis, R.
MWF 10:00am-10:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 0307) Dis

0242 **(35657)** Ellis, R.
MWF 10:00am-10:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 0403) Dis

0311 **(35658)** Warner, C.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 12:00pm-12:50pm (MTH 0407) Dis

0321 **(35660)** Warner, C.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 1:00pm-1:50pm (MTH 0407) Dis

0331 **(35662)** Warner, C.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 2:00pm-2:50pm (MTH 0407) Dis

0341 **(35664)** Warner, C.
MWF 1:00pm-1:50pm (ARM 0135)
TuTh 3:00pm-3:50pm (MTH 0407) Dis

MATH141 Calculus II; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* All sections will require use of a TI graphics calculator. Instructor will use a TI-82 or TI-83.

0111 **(35675)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0103) Dis

0112 **(35676)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0409) Dis

0113 **(35677)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0302) Dis

0114 **(35678)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0411) Dis

0121 **(35679)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0103) Dis

0122 **(35680)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0409) Dis

0123 **(35681)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0302) Dis

0124 **(35682)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0411) Dis

0131 **(35683)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0103) Dis

0132 **(35684)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0409) Dis

0211 **(35685)** Rudolph, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 8:00am-9:20am (MTH 0304) Dis

0212 **(35686)** Rudolph, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 8:00am-9:20am (MTH 0102) Dis

0213 **(35687)** Rudolph, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 8:00am-9:20am (MTH 0104) Dis

0221 **(35689)** Rudolph, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 9:30am-10:50am (MTH 0304) Dis

0222 **(35690)** Rudolph, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 9:30am-10:50am (MTH 0102) Dis

0223 **(35691)** Rudolph, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 9:30am-10:50am (MTH 0104) Dis

0231 **(35693)** Rudolph, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 11:00am-12:20pm (MTH 0304) Dis

0232 **(35694)** Rudolph, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 11:00am-12:20pm (MTH 0102) Dis

0311 **(35695)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 11:00am-12:20pm (MTH 0302) Dis

0312 **(35696)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 11:00am-12:20pm (MTH 0411) Dis

0313 **(35697)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 11:00am-12:20pm (MTH 0104) Dis

0321 **(35699)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 12:30pm-1:50pm (MTH 0302) Dis

0322 **(35700)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 12:30pm-1:50pm (MTH 0411) Dis

0323 **(35701)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 12:30pm-1:50pm (MTH 0104) Dis

0331 **(35703)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 2:00pm-3:20pm (MTH 0304) Dis

0332 **(35704)** Adams, J.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 2:00pm-3:20pm (MTH 0103) Dis

MATH141H *(PermReq)* **Calculus II; (4)** REG/P-F/AUD. CORE: MS *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* For general honors students only. TI graphics calculator required. Instructor will use TI-82 or TI-83.

2011 **(35714)** Helzer, G.
MTuWF 8:00am-8:50am (MTH 0105)

2111 **(35715)** Cohen, J.
MF 11:00am-11:50am (MTH 0105)
W 10:00am-11:50am (MTH 0105)

MATH210 Elements of Mathematics; (4) REG/P-F/AUD. *Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field.* MATH 210 is open only to the following majors: 08230-educ. early childhood, 08020-educ elem, 0808B-spec educ.

0101 **(35725)** STAFF
MW 8:00am-8:50am (MTH B0425)
F 8:00am-9:50am (MTH B0425)

0201 **(35726)** STAFF
MW 9:00am-9:50am (MTH B0425)
Th 8:00am-9:50am (MTH B0425)

0301 **(35727)** STAFF
MF 9:00am-9:50am (MTH B0427)
Th 8:00am-9:50am (MTH B0427)

0401 **(35728)** STAFF
MTh 11:00am-11:50am (MTH B0429)
W 11:00am-12:50pm (MTH B0429)

MATH211 Elements of Geometry; (4) REG/P-F/AUD. *Prerequisite: MATH 210.*

0101 **(35738)** STAFF
MW 11:00am-11:50am (MTH B0425)
Th 10:00am-11:50am (MTH B0425)

0201 **(35739)** STAFF
MF 1:00pm-1:50pm (MTH B0423)
W 1:00pm-2:50pm (MTH B0423)

0301 **(35740)** STAFF
MF 11:00am-11:50am (MTH B0427)
W 11:00am-12:50pm (MTH B0427)

0401 **(35741)** STAFF
MF 11:00am-11:50am (MTH 0401)
W 11:00am-12:50pm (MTH 0401)

MATH220 Elementary Calculus I; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 113, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220.*

0111 **(35751)** Lay, D.
MWF 11:00am-11:50am (ARM 0126)
Tu 8:00am-8:50am (MTH 0303) Dis

0112 **(35752)** Lay, D.
MWF 11:00am-11:50am (ARM 0126)
Tu 8:00am-8:50am (MTH 1308) Dis

0121 **(35753)** Lay, D.
MWF 11:00am-11:50am (ARM 0126)
Tu 9:00am-9:50am (MTH 0303) Dis

0122 **(35754)** Lay, D.
MWF 11:00am-11:50am (ARM 0126)
Tu 9:00am-9:50am (MTH 1308) Dis

0131 **(35755)** Lay, D.
MWF 11:00am-11:50am (ARM 0126)
Tu 10:00am-10:50am (MTH 0303) Dis

0132 **(35756)** Lay, D.
MWF 11:00am-11:50am (ARM 0126)
Tu 10:00am-10:50am (MTH 1308) Dis

0141 **(35757)** Lay, D.
MWF 11:00am-11:50am (ARM 0126)
Tu 11:00am-11:50am (MTH 0303) Dis

0142 **(35758)** Lay, D.
MWF 11:00am-11:50am (ARM 0126)
Tu 11:00am-11:50am (MTH 1308) Dis

0211 **(35759)** Schneider, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 8:00am-8:50am (MTH 0303) Dis

0212 **(35760)** Schneider, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 8:00am-8:50am (MTH 1308) Dis

0221 **(35761)** Schneider, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 9:00am-9:50am (MTH 0303) Dis

0222 **(35762)** Schneider, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 9:00am-9:50am (MTH 1308) Dis

0231 **(35763)** Schneider, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 10:00am-10:50am (MTH 0303) Dis

0232 **(35764)** Schneider, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 10:00am-10:50am (MTH 1308) Dis

0241 **(35765)** Schneider, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 11:00am-11:50am (MTH 0303) Dis

0242 **(35766)** Schneider, D.
MWF 2:00pm-2:50pm (ARM 0135)
Th 11:00am-11:50am (MTH 1308) Dis

0311 **(35767)** Goldberg, S.
TuTh 9:30am-10:45am (ARM 0126)
W 12:00pm-12:50pm (MTH 0101) Dis

0312 **(35768)** Goldberg, S.
TuTh 9:30am-10:45am (ARM 0126)
W 12:00pm-12:50pm (MTH 0411) Dis

0321 **(35769)** Goldberg, S.
TuTh 9:30am-10:45am (ARM 0126)
W 1:00pm-1:50pm (MTH 0101) Dis

0322 **(35770)** Goldberg, S.
TuTh 9:30am-10:45am (ARM 0126)
W 1:00pm-1:50pm (MTH 0411) Dis

0331 **(35771)** Goldberg, S.
TuTh 9:30am-10:45am (ARM 0126)
W 2:00pm-2:50pm (MTH 0101) Dis

0341 **(35773)** Goldberg, S.
TuTh 9:30am-10:45am (ARM 0126)
W 3:00pm-3:50pm (MTH 0101) Dis

0411 **(35775)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0131)
M 12:00pm-12:50pm (MTH 0101) Dis

0412 **(35776)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0131)
M 12:00pm-12:50pm (MTH 0411) Dis

0421 **(35777)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0131)
M 1:00pm-1:50pm (MTH 0101) Dis

0422 **(35778)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0131)
M 1:00pm-1:50pm (MTH 0411) Dis

0431 **(35779)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0131)
M 2:00pm-2:50pm (MTH 0101) Dis

0441 **(35781)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0131)
M 3:00pm-3:50pm (MTH 0101) Dis

MATH221 Elementary Calculus II; (3) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221.*

0111 **(35792)** Zedek, M.
MWF 12:00pm-12:50pm (ARM 0126)
Tu 12:00pm-12:50pm (MTH 0303) Dis

0112 **(35793)** Zedek, M.
MWF 12:00pm-12:50pm (ARM 0126)
Tu 12:00pm-12:50pm (MTH 0305) Dis

0121 **(35794)** Zedek, M.
MWF 12:00pm-12:50pm (ARM 0126)
Tu 1:00pm-1:50pm (MTH 0303) Dis

0122 **(35795)** Zedek, M.
MWF 12:00pm-12:50pm (ARM 0126)
Tu 1:00pm-1:50pm (MTH 0305) Dis

0131 **(35796)** Zedek, M.
MWF 12:00pm-12:50pm (ARM 0126)
Tu 2:00pm-2:50pm (MTH 0303) Dis

0132 **(35797)** Zedek, M.
MWF 12:00pm-12:50pm (ARM 0126)
Tu 2:00pm-2:50pm (MTH 0305) Dis

0141 **(35798)** Zedek, M.
MWF 12:00pm-12:50pm (ARM 0126)
Tu 3:00pm-3:50pm (MTH 0303) Dis

0142 **(35799)** Zedek, M.
MWF 12:00pm-12:50pm (ARM 0126)
Tu 3:00pm-3:50pm (MTH 0305) Dis

MATH240 Introduction to Linear Algebra; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461.*

0111 **(35809)** Sweet, D.
MWF 11:00am-11:50am (ARM 0135)
TuTh 12:00pm-12:50pm (MTH 0403) Dis

0121 **(35811)** Sweet, D.
MWF 11:00am-11:50am (ARM 0135)
TuTh 1:00pm-1:50pm (MTH 0403) Dis

0122 **(35812)** Sweet, D.
MWF 11:00am-11:50am (ARM 0135)
TuTh 1:00pm-1:50pm (MTH 0307) Dis

0131 **(35813)** Sweet, D.
MWF 11:00am-11:50am (ARM 0135)
TuTh 2:00pm-2:50pm (MTH 0403) Dis

0141 **(35814)** Sweet, D.
MWF 11:00am-11:50am (ARM 0135)
TuTh 3:00pm-3:50pm (MTH 0403) Dis

MATH241 Calculus III; (4) REG/P-F/AUD. *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 161 or PHYS 171.*

0101 **(35824)** Lipsman, R.
M 11:00am-11:50am (MTH 0305)
TuF 11:00am-11:50am (MTH 1311)
W 11:00am-11:50am (EGR 3140)

0201 **(35825)** Green, P.
M 11:00am-11:50am (EGR 3140)
W 11:00am-11:50am (MTH 1311)
ThF 11:00am-11:50am (MTH 0305)

0301 **(35826)** Coombes, K.
TuTh 11:00am-12:15pm (MTH 0105)
F 11:00am-11:50am (EGR 3140)

0401 **(35827)** Auslander, J.
MTuWF 2:00pm-2:50pm (MTH 1313)

0501 **(35828)** Winkelnkemper, H.
TuTh 3:30pm-4:45pm (MTH 0105)
W 4:00pm-4:50pm (MTH 0105)

0601 **(35829)** STAFF
M 9:00am-10:50am (MTH 0105)
WF 9:00am-9:50am (MTH 0105)

0701 **(35830)** Adams, W
TuTh 9:30am-10:45am (MTH 0305)
W 11:00am-11:50am (MTH 0305)

0801 **(35831)** Sather, J.
M 1:00pm-2:50pm (MTH 0105)
WF 2:00pm-2:50pm (MTH 0105)

0901 **(35832)** Chu, H.
MF 12:00pm-12:50pm (MTH 0105)
W 12:00pm-1:50pm (MTH 0105)

MATH241H Calculus III; (4) REG/P-F/AUD. *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 161 or PHYS 171.* For general honors students only.

2011 **(35842)** Schafer, J.
MW 10:00am-10:50am (MTH 0305)
F 9:00am-10:50am (MTH 0305)

MATH246 Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.*

0101 **(35852)** STAFF
MWF 9:00am-9:50am (MTH 0403)

0301 **(35853)** Hamilton, D.
MWF 12:00pm-12:50pm (MTH 0303)

0401 **(35854)** Jakobson, M.
MWF 1:00pm-1:50pm (MTH B0421)

0501 **(35855)** Boyle, M.
MWF 2:00pm-2:50pm (MTH B0421)

0601 **(35856)** Machedon, M.
TuTh 9:30am-10:45am (MTH 0405)

0901 **(35857)** Kleppner, A.
TuTh 2:00pm-3:15pm (MTH 0101)

1001 **(35858)** Adams, W.
TuTh 3:30pm-4:45pm (MTH B0421)

MATH246E Differential Equations for Scientists and Engineers; (3). REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.* Restricted to students in the College of Engineering (04 College).

0201 **(35868)** Hunt, B.
MWF 10:00am-10:50am (MTH 0407)

0701 **(35869)** Osborn, J.
TuTh 11:00am-12:15pm (MTH B0421)

0801 **(35870)** Von Petersdorff, T.
TuTh 12:30pm-1:45pm (MTH B0421)

MATH246H *(PermReq)* **Differential Equations for Scientists and Engineers; (3)** REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.* For general honors students only.

2011 **(35880)** Iozzi, A.
MWF 9:00am-9:50am (MTH 1313)

MATH251 *(PermReq)* **Analysis II (Honors); (4)** REG/P-F/AUD. CORE: MS *Prerequisite: MATH 250.* Course is offered in the spring semester only.

0111 **(35890)** Schwartz, R.
M 10:00am-11:50am (MTH 1311)
WF 10:00am-10:50am (MTH 1311)

MATH299A *(PermReq)* **Selected Topics in Mathematics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH330 Geometry and Number Theory; (3) REG/P-F/AUD. Restricted to students in the following majors: 0823L, 0823P, 0802L, 0802P, 0802O, 0803O, 0808L, 0808P.

0101 **(35904)** Berg, K.
MWF 10:00am-10:50am (MTH B0429)

MATH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

MATH400 Vectors and Matrices; (3) REG/P-F/AUD. *Prerequisite: MATH 221 or equivalent. Not open to students in the CMPS or Engineering Colleges. Credit will be granted for only one of the following: MATH 240, MATH 400, or MATH 461.*

0101 **(35916)** Fey, J.
TuTh 9:30am-10:45am (MTH B0421)

MATH401 Applications of Linear Algebra; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or MATH 461.*

0101 **(35926)** Chu, H.
MWF 9:00am-9:50am (MTH 0101)

0201 **(35927)** Helzer, G.
MWF 10:00am-10:50am (MTH 0307)

0301 **(35928)** Goldberg, S.
TuTh 12:30pm-1:45pm (MTH 0101)

MATH402 Algebraic Structures; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403.* Students planning graduate work in mathematics should take MATH 403.

0101 **(35938)** Gulick, F.
MWF 10:00am-10:50am (MTH B0421)

MATH403 Introduction to Abstract Algebra; (3) REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241, or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403.*

0101 **(35948)** Kudla, S.
TuTh 12:30pm-1:45pm (MTH 0405)

MATH405 Linear Algebra; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or MATH 461.*

0101 **(35958)** Iozzi, A.
MWF 10:00am-10:50am (MTH 0306)

MATH406 Introduction to Number Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or permission of department.*

0101 **(35968)** Adams, J.
MWF 2:00pm-2:50pm (MTH 0102)

0201 **(35969)** Washington, L.
TuTh 12:30pm-1:45pm (MTH 0409)

MATH410 *(PermReq)* **Advanced Calculus I; (3)** REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241 with a grade of C or better. Not open to students who have completed MATH 250.*

0101 **(35979)** Sweet, D.
MWF 8:00am-8:50am (MTH B0421)

0201 **(35980)** Benedetto, J.
TuTh 9:30am-10:45am (MTH 1311)

MATH411 *(PermReq)* **Advanced Calculus II; (3)** REG/P-F/AUD. *Prerequisite: MATH 410. Not open to students who have completed MATH 250 and MATH 251.*

0101 **(35990)** Sather, J.
MWF 11:00am-11:50am (MTH 0106)

MATH414 Differential Equations; (3) REG/P-F/AUD. *Prerequisites: MATH 410; and MATH 240 or equivalent.*

0101 **(36000)** Grillakis, M.
MWF 9:00am-9:50am (MTH 0107)

MATH430 Euclidean and Non-Euclidean Geometries; (3) REG/P-F/AUD. *Prerequisite: MATH 141.*

0101 **(36010)** Green, P.
MWF 10:00am-10:50am (MTH 0303)

MATH432 Introduction to Point Set Topology; (3) REG/P-F/AUD. *Prerequisite: MATH 410 or equivalent.*

0101 **(36020)** Brin, M.
MWF 12:00pm-12:50pm (MTH 0107)

MATH445 Elementary Mathematical Logic; (3) REG/P-F/AUD. *Prerequisite: MATH 141. Credit will be granted for only one of the following: MATH 445 or MATH 450/CMSC 450.*

0101 **(36030)** Lopez-Escobar, E.
TuTh 2:00pm-3:15pm (MTH 0401)

MATH446 Axiomatic Set Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 403 or MATH 410.*

0101 **(36040)** Kueker, D.
MWF 11:00am-11:50am (MTH 0104)

MATH450 Logic for Computer Science; (3) REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) (with grade of C or better). Also offered as CMSC 450. Credit will be granted for only one of the following: MATH 445 or MATH 450/CMSC 450.*

0101 **(36050)** Lopez-Escobar, E.
MWF 1:00pm-1:50pm (MTH B0427)

MATH452 Introduction to Dynamics and Chaos; (3) REG/P-F/AUD. *Prerequisite: MATH 246.*

0101 **(36060)** Yorke, J.
MWF 12:00pm-12:50pm (CSS 2428)

MATH456 Cryptology; (3) REG/P-F/AUD. *Prerequisite: Two 400-level MATH or two 400-level CMSC courses or permission of department. Also offered as CMSC 456. Credit will be granted for only one of the following: MATH 456 or CMSC 456.*

0101 **(36070)** Washington, L.
TuTh 3:30pm-4:45pm (EGR 3140)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

MATH461 Linear Algebra for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461.*
0101 **(36080)** Lay, D.
MWF 9:00am-9:50am (MTH 0103)
0201 **(36081)** Herb, R.
MWF 10:00am-10:50am (MTH 0101)
0301 **(36082)** STAFF
MWF 11:00am-11:50am (MTH B0421)
0401 **(36083)** Ellis, R.
MWF 12:00pm-12:50pm (MTH 0409)
0501 **(36084)** STAFF
MWF 2:00pm-2:50pm (MTH 1308)
0601 **(36085)** Kleppner, A.
TuTh 9:30am-10:45am (MTH 0101)

MATH462 Partial Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: MATH 241; and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415.*
0101 **(36095)** Johnson, R.
MWF 10:00am-10:50am (MTH 0106)
0201 **(36096)** Chang, D.
MWF 11:00am-11:50am (MTH 0303)
0301 **(36097)** Neri, U.
MWF 1:00pm-1:50pm (MTH 1313)

MATH463 Complex Variables for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 241 or equivalent.*
0101 **(36108)** Jakobson, M.
MWF 10:00am-10:50am (MTH 0405)
0201 **(36109)** Li, J.
MWF 12:00pm-12:50pm (MTH 0106)
0301 **(36110)** Zedek, M.
MWF 2:00pm-2:50pm (MTH 0305)
0401 **(36111)** Winkelnkemper, H.
TuTh 12:30pm-1:45pm (MTH 0304)

MATH464 Transform Methods for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 246.*
0101 **(36121)** STAFF
TuTh 11:00am-12:15pm (MTH 0405)

MATH475 Combinatorics and Graph Theory; (3) REG/P-F/AUD. *Prerequisites: MATH 240; and MATH 241. Also offered as CMSC 47~5. Credit will be granted for only one of the following: MATH 47~5 or CMSC 47~5.*
0101 **(36131)** Cohen, J.
MWF 12:00pm-12:50pm (MTH 0305)

MATH478A *(PermReq)* **Selected Topics For Teachers of Mathematics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117.

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH601 Abstract Algebra II; (3) REG/AUD. *Prerequisite: MATH 600.* Course is offered in the spring semester only.
0101 **(36182)** Coombes, K.
TuTh 9:30am-10:45am (MTH B0429)

MATH608A Selected Topics in Algebra; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH608B Selected Topics in Algebra: Algebraic K-theory; (3) REG/AUD
0201 **(36201)** Rosenberg, J.
MWF 11:00am-11:50am (MTH 1308)

MATH630 Real Analysis I; (3) REG/AUD. *Prerequisite: MATH 411 or equivalent.*
0101 **(36211)** Auslander, J.
MWF 9:00am-9:50am (MTH 1311)

MATH631 Real Analysis II; (3) REG/AUD. *Prerequisite: MATH 630.* Course is offered in the spring semester only.
0101 **(36221)** Johnson, R.
MWF 8:00am-8:50am (MTH 0103)

MATH648A Selected Topics in Analysis; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH648B Selected Topics in Analysis: Geometry of Sets and Measures; (3) REG/AUD.
0201 **(36282)** Grillakis, M.
MWF 12:00pm-12:50pm (MTH B0425)

MATH648C Selected Topics in Analysis: Commutative Harmonic Analysis; (3) REG/AUD.
0301 **(36283)** Warner, C.
MWF 10:00am-10:50am (MTH 0107)

MATH648D Selected Topics in Analysis: Current Topics in Wavelet Theory and Applications; (3) REG/AUD.
0401 **(36284)** Benedetto, J.
TuTh 12:30pm-1:45pm (MTH 0102)

MATH661 Complex Analysis II; (3) REG/AUD. *Prerequisites: MATH 630; and MATH 660.* Course is offered in the spring semester only.
0101 **(36292)** Hamilton, D.
MWF 2:00pm-2:50pm (MTH 0104)

MATH668A Selected Topics in Complex Analysis; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH668D Selected Topics in Complex Analysis: Several Complex Variables II; (3) REG/AUD.
0401 **(36306)** Chang, D.
MWF 9:00am-9:50am (MTH 1308)

MATH671 Ordinary Differential Equations II; (3) REG/AUD. *Prerequisites: MATH 630; and MATH/MAPL 6~0 or the equivalent. Also offered as MAPL 6~1.* Course is offered in the spring semester only.
0101 **(36316)** Stuck, G.
TuTh 12:30pm-1:45pm (MTH 0107)

MATH674 Partial Differential Equations II; (3) REG/AUD. *Prerequisite: MATH/MAPL 6~3 or permission of instructor. Also offered as MAPL 6~4. Credit will be granted for only one of the following: MATH 6~4 or MAPL 6~4.* Course is offered in the spring semester only.
0101 **(36326)** Glaz, H.
MWF 11:00am-11:50am (MTH 0302)

MATH686 Modern Methods in Partial Differential Equations II; (3) REG/AUD. *Prerequisite: MATH/MAPL 685. Also offered as MAPL 686.*
0101 **(36336)** Machedon, M.
W 1:00pm-4:00pm (MTH B0431)

MATH713 Mathematical Logic II; (3) REG/AUD. *Prerequisite: MATH ~12 or MATH 44~.* Course is offered in the spring semester only.
0101 **(36346)** Kueker, D.
MWF 1:00pm-1:50pm (MTH 0107)

MATH718A Selected Topics in Mathematical Logic; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH734 Algebraic Topology; (3) REG/AUD. *Prerequisite: MATH 403 or equivalent. Recommended: MATH ~30.* Course is offered in the spring semester only.
0101 **(36360)** Schafer, J.
MWF 12:00pm-12:50pm (MTH 0104)

MATH742 Differential Topology; (3) REG/AUD. *Prerequisites: {MATH 410; and MATH 411} or equivalent.* Course is offered in the spring semester only.
0101 **(36370)** King, H.
MWF 1:00pm-1:50pm (MTH 0104)

MATH745 Lie Groups II; (3) REG/AUD. *Prerequisite: MATH ~44.*
0101 **(36380)** Goldman, W.
MWF 1:00pm-1:50pm (MTH 0302)

MATH748A Selected Topics in Geometry and Topology; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH748B Selected Topics in Geometry and Topology: Sphere Theorems in Riemannian Geometry; (3) REG/AUD.
0201 **(36403)** Grove, K.
TuTh 9:30am-10:45am (MTH B0431)

MATH748E Selected Topics in Geometry and Topology: Poisson and Symplectic Manifolds II; (3) REG/AUD.
0101 **(36413)** Novikov, S.
MWF 2:00pm-2:50pm (MTH 0107)

MATH799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MATH899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES608A *(PermReq)* **Seminar in Marine-Estuarine-Environmental Sciences: Ecological Microcosms; (1)** REG. Permission of department required.
0101 **(36756)** Kangas, P.
Tu 5:15pm-6:15pm (Arranged)

MEES608G Seminar in Marine-Estuarine-Environmental Sciences: Current Topics in Seagrass and Marsh Ecology; (1) REG/AUD. Course is taught at the Horn Point Laboratory.
0101 **(36757)** Koch, E.
W 8:30am-10:30am (Arranged)

MEES608J Seminar in Marine-Estuarine-Environmental Sciences: Phosphorus Biogeochemistry; (1) REG/AUD. Course is taught at the Horn Point Laboratory.
0101 **(36766)** Cornwell, J.
F 10:00am-11:00am (Arranged)

MEES608P Seminar in Marine-Estuarine-Environmental Sciences: Nutrient Dynamics at Landscape Scales; (1) REG/AUD. Course is taught at the Appalachian Laboratory.
0101 **(36776)** Gardner, R.
Time and room to be arranged

MEES608R Seminar in Marine-Estuarine-Environmental Sciences: Molecular and Biochemical Aspects of Reproduction in Lower Invertebrates; (1) REG/AUD. Course is taught at the Center of Marine Biotechnology, Baltimore.
0101 **(36786)** Place, A.
F 4:00pm-6:00pm (Arranged)

MEES608U Seminar in Marine-Estuarine-Environmental Sciences: Seminar: Trace Metals in Aquatic Systems; (2) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(36796)** Mason, R.
W 1:00pm-3:00pm (Arranged)

MEES608V Seminar in Marine-Estuarine-Environmental Sciences: Case Studies in Estuarine Science and Management; (1) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(36806)** Tenore, K.
F 2:00pm-3:00pm (Arranged)

MEES621 Biological Oceanography; (3) REG/AUD. Course is taught at Horn Point Laboratory and on the Interactive Video Network.
0101 **(36816)** Hood, R.
TuTh 1:00pm-3:00pm (SKN 0101)

MEES698C Special Topics in Marine-Estuarine-Environmental Sciences: Aquaculture; (3) REG. Course is taught at the Horn Point Laboratory and on the Interactive Video Network.
0101 **(36826)** Harrell, R.
TuTh 9:00am-10:30am (SKN 0101)

MEES698E Special Topics in Marine-Estuarine-Environmental Sciences: Coastal Environmental and Resource Policy: A Global and Regional Perspective; (2) REG/AUD. Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(36836)** Mihursky, J.
Tu 3:00pm-5:00pm (SKN 0101)

MEES698F Special Topics in Marine-Estuarine-Environmental Sciences: Natural History and Ecology of the Chesapeake System; (2) REG/AUD. Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(36846)** Mihursky, J.
Th 3:00pm-5:00pm (SKN 0101)

MEES698G Special Topics in Marine-Estuarine-Environmental Sciences: Marine Geochemistry; (3) REG/AUD.
0101 **(36856)** Helz, G.
TuTh 12:30pm-1:45pm (CHM 0119)

MEES698K Special Topics in Marine-Estuarine-Environmental Sciences: Environmental Geochemistry II; (3) REG. Prerequisite: Environmental Geochemistry I or permission of instructor. Course is taught on the Interactive Video Network.
0101 **(36866)** Harvey, H.
MW 10:30am-12:00pm (SKN 0101)

MEES698M Special Topics in Marine-Estuarine-Environmental Sciences: Biogeochemistry; (3) REG/AUD. Course is taught at the Appalachian Laboratory and on the Interactive Video Network.
0101 **(36876)** Castro, M.
M 1:30pm-4:30pm (SKN 0101)

MEES698O Special Topics in Marine-Estuarine-Environmental Sciences: Ornithology; (4) REG/AUD. Three mandatory field trips.
0101 **(36877)** Kuenzel, W.
MWF 9:00am-9:50am (ANS 0412)
W 2:00pm-4:50pm (ANS 0412) Lab

MEES698P Special Topics in Marine-Estuarine-Environmental Sciences: Environmental Toxicology; (3) REG/AUD. Course is taught at the Appalachian Laboratory and on the Interactive Video Network.
0101 **(36886)** Morgan, R.
WF 3:00pm-4:30pm (SKN 0101)

MEES698T *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Field and Laboratory Methods for Marine and Estuarine Sciences I; (1)** REG. Modular course with modules taught January 15-26, most at the Horn Point Laboratory, Cambridge, Md.
0101 **(36896)** Glibert, P.
Meets 01/12/98-01/23/98
Time and room to be arranged

MEES698U *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Field and Laboratory Methods for Marine and Estuarine Sciences II; (2)** REG/AUD. Modular course with modules taught January 15-26, most at Horn Point Laboratory, Cambridge, Md.
0101 **(36906)** Carton, J.
Meets 01/12/98-01/23/98
Time and room to be arranged

MEES698X Special Topics in Marine-Estuarine-Environmental Sciences: Development and the Chesapeake Bay; (2) REG/AUD.
0101 **(36916)** Schueler, T.
M 4:30pm-6:30pm (ANS 0412)

MEES699 *(PermReq)* **Special Problems in Marine-Estuarine-Environmental Sciences; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MEES743 Aquatic Toxicology; (3) REG/AUD. *Prerequisites: MEES 641; and BCHM 462 or permission of instructor.* Course is taught on the Interactive Video Network.
0101 **(37034)** Roesijadi, G.
TuTh 11:00am-12:30pm (SKN 0101)

MEES799 Masters Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MEES899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

METO Meteorology (Computer, Mathematical and Physical Sciences)

METO123 Causes and Implications of Global Change; (3) REG/P-F/AUD. CORE: PS *Also offered as GEOG 123 and GEOL 123, and PBIO 123. Credit will be granted for only one of the following: GEOG 123, GEOL 123, METO 123, or PBIO 123.*
0101 **(37314)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 9:00am-9:50am (EGR 0108) Dis
0102 **(37315)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 10:00am-10:50am (EGR 2112) Dis
0103 **(37316)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 11:00am-11:50am (EGR 3102) Dis
0104 **(37317)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 12:00pm-12:50pm (EGR 0104) Dis
0105 **(37318)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 1:00pm-1:50pm (EGR 0104) Dis
0106 **(37319)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 9:00am-9:50am (JMZ 0125) Dis
0107 **(37320)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 10:00am-10:50am (JMZ 0125) Dis
0108 **(37321)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 11:00am-11:50am (JMZ 1224) Dis
0109 **(37322)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 12:00pm-12:50pm (JMZ 0103) Dis
0110 **(37323)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 1:00pm-1:50pm (JMZ 0103) Dis

METO200 Weather and Climate; (3) REG/P-F/AUD. CORE: PS *Prerequisites: MATH 110 or MATH 115. Recommended as a corequisite: METO 201.*
0101 **(37333)** Hudson, R.
TuTh 9:30am-10:45am (CSS 2400)
W 2:00pm-2:50pm (CSS 0201) Dis
0102 **(37334)** Hudson, R.
TuTh 9:30am-10:45am (CSS 2400)
W 1:00pm-1:50pm (CSS 2106) Dis

METO201 Weather and Climate Laboratory; (1) REG/P-F/AUD. CORE: PL *Corequisite: METO 200.*
0101 **(37344)** Hudson, R.
Tu 2:30pm-4:30pm (CSS 3426) Lab
0102 **(37345)** Hudson, R.
W 10:00am-12:00pm (CSS 3426) Lab

METO401 Global Environment; (3) REG/AUD. *Prerequisite: METO 400.*
0101 **(37355)** STAFF
TuTh 2:00pm-3:15pm (CSS 2416)

METO499 *(PermReq)* **Special Problems in Atmospheric Science; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

METO611 Dynamic Meteorology II; (3) REG/AUD. *Prerequisite: METO 610.*
0101 **(37374)** Zhang, D.
MWF 11:00am-11:50am (CSS 2416)

METO621 Physical Meteorology II - Atmospheric Radiation; (3) REG/AUD. *Prerequisites: MATH 462; and METO 620.*
0101 **(37384)** Ellingson, R.
TuTh 9:30am-10:45am (CSS 2428)

METO630 Statistical Methods in Meteorology; (3) REG/AUD. *Prerequisite: STAT 400 or equivalent.*
0101 **(37394)** Vernekar, A.
MWF 10:00am-10:50am (CSS 2114)

METO637 Atmospheric Chemistry; (3) REG/AUD. *Prerequisites: CHEM 481 or METO 620. Also offered as CHEM 63~.*
0101 **(37404)** Dickerson, R.
TuTh 2:00pm-3:15pm (CSS 2114)

METO640 Micrometeorology; (3) REG/AUD. *Prerequisites: (MATH 461; and METO 621) or permission of instructor.*
0101 **(37414)** Pinker, R.
TuTh 11:00am-12:15pm (CSS 2416)

METO658E *(PermReq)* **Special Topics in Meteorology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

METO658O Special Topics in Meteorology: Estimation Theory and Foundations of Data Assimilation; (1-3) REG/AUD.
0101 **(37435)** Baer, F.
TBA (CSS 2106)

METO658Z Special Topics in Meteorology; (3) REG/AUD.
0101 **(37445)** Zhang, D.
Time and room to be arranged

METO671 Air-Sea Interaction; (3) REG/AUD. *Prerequisite: MATH 462. Corequisite: METO 610.*
0101 **(37446)** Carton, J.
Time and room to be arranged

METO798 Directed Graduate Research; (1-3) S-F. Individual Instruction course: contact department or instructor to obtain section number. Course intended for those students not yet admitted to PhD candidacy to work on research with a professor.

METO899 Doctoral Dissertation Research; (1-8) S-F. Individual Instruction course: contact department or instructor to obtain section number.

MICB Microbiology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

MICB100 Microbes and Society; (4) REG/P-F/AUD. CORE: LL *Credit will be granted for only one of the following: MICB 100 or MICB 200.*
0101 **(37526)** Stein, D.
MWF 11:00am-11:50am (MCB 1207)
MW 9:00am-9:50am (MCB 1206) Lab
0102 **(37527)** Stein, D.
MWF 11:00am-11:50am (MCB 1207)
MW 10:00am-10:50am (MCB 1206) Lab
0103 **(37528)** Stein, D.
MWF 11:00am-11:50am (MCB 1207)
MW 12:00pm-12:50pm (MCB 1206) Lab

MICB200 General Microbiology; (4) REG/AUD. CORE: LL *Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200.* Labs will start on first Wednesday of semester.
1101 **(37538)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 9:00am-10:50am (MCB 1201) Lab
1105 **(37539)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 9:00am-10:50am (MCB 1205) Lab
1121 **(37540)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 9:00am-10:50am (MCB 1201) Lab
1125 **(37541)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 9:00am-10:50am (MCB 1205) Lab
1201 **(37542)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 12:00pm-1:50pm (MCB 1201) Lab
1205 **(37543)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 12:00pm-1:50pm (MCB 1205) Lab

(MICB200 cont'd)

1225 **(37544)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 12:00pm-1:50pm (MCB 1205) Lab
1301 **(37545)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 2:00pm-3:50pm (MCB 1201) Lab
1305 **(37546)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 2:00pm-3:50pm (MCB 1205) Lab
1321 **(37547)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 2:00pm-3:50pm (MCB 1201) Lab
1325 **(37548)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 2:00pm-3:50pm (MCB 1205) Lab
1401 **(37549)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 4:00pm-5:50pm (MCB 1201) Lab
1425 **(37551)** Stewart, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 4:00pm-5:50pm (MCB 1205) Lab

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8101 **(*****)** Sandlin, R.
TuTh 6:00pm-6:50pm (MCB 1207)
TuTh 7:00pm-9:00pm (MCB 1201) Lab

Section 8101 is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccaluareate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu

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MICB200H General Microbiology; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200.* For general honors students only.
0101 **(37563)** Smith, A.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 12:00pm-1:50pm (MCB 1201) Lab

MICB379 *(PermReq)* **Honors Research; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. Corequisite: MICB 388H.

MICB388 *(PermReq)* **Special Topics in Microbiology; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements.

MICB388A Special Topics in Microbiology: Modern Parasitology; (4) REG/P-F/AUD.
0101 **(51786)** Sina, B.
TuTh 9:30am-10:45am (PLS 1162)
Th 1:00pm-4:00pm (PLS 1161) Lab

MICB388C Special Topics in Microbiology: Biology of Cancer; (3) REG/P-F/AUD. Prerequisites: ZOOL 211 and BIOL 222.
0101 **(37594)** Ades, I.
TuTh 9:30am-10:45am (MCB 1207)

MICB388H Special Topics in Microbiology: Honors Seminar; (1) REG. Required for all students in Departmental Honors.
0101 **(37604)** Benson, S.
F 1:00pm-1:50pm (MCB 2119)

MICB388R *(PermReq)* **Special Topics in Microbiology: Special Topics in Microbiology Research Projects; (3-4)** REG/P-F/AUD.
0101 **(37614)** Smith, A.
Time and room to be arranged

MICB399G *(PermReq)* **Microbiological Problems: CMBG Research Problems; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MICB399M *(PermReq)* **Microbiological Problems; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MICB420 Epidemiology and Public Health; (2) REG/P-F/AUD. *Prerequisite: MICB 200.*
0101 **(37636)** Joseph, S.
MW 1:00pm-1:50pm (MCB 1207)

MICB450 Immunology; (4) REG/P-F/AUD. *Prerequisites: MICB 200 and CHEM 243. Highly recommended: BCHM 461. Credit will be granted for only one of the following: MICB 450 or MICB 451 or ZOOL 455.*
0101 **(37646)** Pontzer, C.
MW 12:00pm-12:50pm (MCB 1207)
MW 2:00pm-3:50pm (MCB 1143) Lab
0102 **(37647)** Pontzer, C.
MW 12:00pm-12:50pm (MCB 1207)
MW 2:00pm-3:50pm (MCB 1135) Lab
0103 **(37648)** Pontzer, C.
MW 12:00pm-12:50pm (MCB 1207)
MW 3:00pm-4:50pm (MCB 1206) Lab

MICB451 Principles of Immunology (Lecture); (2) REG/P-F/AUD. *Prerequisites: MICB 200 and CHEM 243. Highly recommended: BCHM 461. Credit will be granted for only one of the following: MICB 450 or MICB 451 or ZOOL 455.*
0101 **(37657)** Farber, D.
MW 12:00pm-12:50pm (MCB 1207)

MICB460 General Virology; (3) REG/P-F/AUD. *Prerequisite: (BIOL 222 and completion of 60 credits) or permission of department.*
0101 **(37667)** DeStefano, J.
MWF 9:00am-9:50am (MCB 1207)

MICB470 Microbial Physiology; (3) REG/AUD. *Prerequisite: MICB 200. Pre- or corequisite: BCHM 462.*
0101 **(37677)** Sze, H.
TuTh 11:00am-12:15pm (MCB 1207)

MICB485 Microbial Genetics; (4) REG/P-F/AUD. *Prerequisites: MICB 200 and BIOL 222. Formerly MICB 380.*
0101 **(37687)** Gdovin, S.
TuTh 12:30pm-1:30pm (MCB 1207)
TuTh 1:30pm-3:30pm (MCB 1103A) Lab
0102 **(37688)** Gdovin, S.
TuTh 12:30pm-1:30pm (MCB 1207)
TuTh 1:30pm-3:30pm (MCB 1104) Lab
0103 **(37689)** Gdovin, S.
TuTh 12:30pm-1:30pm (MCB 1207)
TuTh 1:30pm-3:30pm (MCB 1138) Lab

MICB688 *(PermReq)* **Special Topics; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MICB688C *(PermReq)* **Special Topics: Current Topics in Marine Microbiology and Biotechnology; (1)** REG/AUD.
0101 **(37707)** Colwell, R.
Time and room to be arranged

MICB688G Special Topics; (2) REG/AUD.
0101 **(37717)** Gantt, E.
Th 1:00pm-1:50pm (HJP 2230)
Th 2:00pm-6:00pm (HJP 2230) Lab

MICB750 Advanced Immunology; (2) REG/AUD.
0101 **(37727)** Song, W.
TuTh 4:00pm-4:50pm (MCB 2119)

MICB780 Genetics of Microorganisms; (2) REG/AUD. *Prerequisite: BCHM 461; and BCHM 462 or equivalent.*
0101 **(37737)** Chang, C.
M 4:00pm-6:00pm (MCB 2119)

MICB789 Seminar; (1) REG/AUD.
0101 **(37747)** Benson, S.
TBA (MCB 1207)
F 12:00pm-12:50pm (MCB 1207)
F 3:00pm-5:00pm (MCB 1207)

MICB799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MICB899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MOCB Molecular and Cell Biology
(Life Sciences)

MOCB608 *(PermReq)* **Molecular and Cell Biology Seminar: Developmental Genetics in Model Organisms; (1)** REG/AUD.
0101 **(37829)** Liu, Z.
M 12:00pm-12:50pm (MCB 2119)

MOCB639 Advanced Cell Biology; (3) REG/AUD.
0101 **(37839)** Mather, I.
MF 3:00pm-4:15pm (ANS 0408)

MOCB640 Protein Structure and Function; (3) REG.
0101 **(37849)** Moult, J.
TuTh 2:00pm-3:15pm (HBK 0125)

MOCB699 *(PermReq)* **Laboratory Rotation; (2-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

MOCB708A *(PermReq)* **Advanced Topics in Molecular and Cell Biology: Basic Concepts in Microbial Genetics; (2)** REG/AUD. This course is taught at the Shady Grove facility.
81GS **(37919)** Trun, N.
Meets 02/05/98-02/28/98
TuTh 6:00pm-8:00pm (Arranged)
Sa 9:00am-5:00pm (Arranged) Lab
This course is intended for graduate students. Undergraduates who enroll through the Science in the Evening Program in the College of Life Sciences may also be eligible to take it. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu

MOCB708B *(PermReq)* **Advanced Topics in Molecular and Cell Biology: Basic Concepts in Molecular Biology; (2)** REG/AUD. This course is taught at the Shady Grove facility.
81GS **(37929)** Ogg, S.
Meets 03/03/98-03/19/98
TuTh 6:00pm-9:00pm (Arranged)
SaSu 9:00am-5:00pm (Arranged) Lab
This course is intended for graduate students. Undergraduates who enroll through the Science in the Evening Program in the College of Life Sciences may also be eligible to take it. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu

MOCB708C *(PermReq)* **Advanced Topics in Molecular and Cell Biology: Advanced Concepts in Molecular Biology; (2)** REG/AUD. This course is taught at the Shady Grove facility.
81GS **(37939)** Ogg, S.
Meets 04/14/98-04/26/98
TuTh 6:00pm-9:00pm (Arranged)
SaSu 9:00am-5:00pm (Arranged) Lab
This course is intended for graduate students. Undergraduates who enroll through the Science in the Evening Program in the College of Life Sciences may also be eligible to take it. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu

MOCB708E Advanced Topics in Molecular and Cell Biology: The Molecular Basis of Perception; (2) REG/AUD. Prerequisites: a course in cell biology and a course in neurobiology or permission of instructor.
0101 **(37949)** Payne, R.
W 2:30pm-4:30pm (ZOP 1230)

MOCB708X Advanced Topics in Molecular and Cell Biology: Developmental Genetics; (1) S-F.
0101 **(37950)** Baehrecke, E.
W 4:00pm-4:50pm (PLS 5112)

MOCB899 Doctoral Dissertation Research; (1-8) S-F. Individual Instruction course: contact department or instructor to obtain section number.

MSWE Master of Software Engineering
(Computer, Mathematical and Physical Sciences)

MSWE607 Software Life Cycle Methods and Techniques; (3) REG/AUD. *Prerequisite: MSWE 601.*
0101 **(38019)** Zelkowitz, M.
M 7:00pm-9:30pm (JMP 1109)

MUED Music Education
(Arts and Humanities)

MUED197 *(PermReq)* **Pre-Professional Experiences; (1)** REG/P-F/AUD. *Limited to music education majors.*
0101 **(38068)** Folstrom, R.
M 11:00am-12:50pm (TWS 3238)
W 11:00am-11:50am (TWS 3238) Lab

MUED420 Instrumental Music: Methods, Materials and Administration for Secondary School; (2) REG/AUD.
0101 **(38078)** Taylor, S.
Tu 9:00am-10:50am (TWS 2123)
Th 9:00am-9:50am (TWS 2123)
Tu 8:00am-8:50am (TWS 1102) Lab

MUED472 *(PermReq)* **Choral Techniques and Repertoire; (2)** REG/AUD. *Prerequisites: MUED 470 and MUSC 490.*
0101 **(38088)** Folstrom, R.
Tu 11:00am-11:50am (TWS 2123)
Th 10:00am-11:50am (TWS 2123)

MUED478 *(PermReq)* **Special Topics in Music Education: General Music in Middle/Junior High Schools; (2)** REG/AUD.
0101 **(38098)** McCarthy, M.
Tu 9:00am-10:50am (TWS 3132)
Th 9:00am-9:50am (TWS 3132)

MUED478A *(PermReq)* **Special Topics in Music Education: Organizing Elementary Teaching Experiences in Music; (2)** REG/AUD.
0101 **(38108)** McCarthy, M.
Time and room to be arranged

MUED499A *(PermReq)* **Workshops, Clinics, Institutes: Supervision and Administration in Music; (3)** REG/P-F/AUD.
0101 **(38118)** Taylor, S.
Tu 6:00pm-8:30pm (TWS 3132)

MUED690 Research Methods in Music and Music Education; (3) REG/AUD.
0101 **(38128)** McCarthy, M.
M 6:30pm-9:00pm (TWS 3132)

MUED698A *(PermReq)* **Current Trends in Music Education: Supervision and Administration in Music; (3)** REG/AUD.
0101 **(38138)** Taylor, S.
Tu 6:00pm-8:30pm (TWS 3132)

MUET Ethnomusicology
(Arts and Humanities)

MUET200 World Popular Musics and Gender; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(38139)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 9:00am-9:50am (TWS 2102) Dis
0102 **(38140)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 11:00am-11:50am (TWS 0147) Dis
0103 **(38141)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 12:00pm-12:50pm (TWS 0147) Dis
0104 **(38142)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 2:00pm-2:50pm (TWS 0147) Dis
0105 **(38143)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 3:00pm-3:50pm (TWS 0147) Dis
0106 **(38144)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 12:00pm-12:50pm (TWS 2102) Dis
0107 **(38145)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 2:00pm-2:50pm (TWS 2102) Dis
0108 **(38146)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 9:00am-9:50am (TWS 0131) Dis
0109 **(38147)** Sandstrom, B.
TuTh 12:00pm-12:50pm (SKN 0200)
M 12:00pm-12:50pm (TWS 2135) Dis

MUSC School of Music
(Arts and Humanities)

MUSC100A Beginning Class Voice; (2) REG. Limited to non-music majors.
0101 **(38188)** STAFF
TuTh 11:00am-11:50am (TWS 2138)
0201 **(38189)** STAFF
MW 11:00am-11:50am (TWS 2135)

MUSC103 *(PermReq)* **Beginning Class Piano II; (2)** REG/AUD. *Prerequisite: MUSC 102 or permission of department.* Limited to music majors
0101 **(38199)** Elliston, R.
MWF 1:00pm-1:50pm (TWS 3218)
0201 **(38200)** Elliston, R.
MWF 12:00pm-12:50pm (TWS 3218)

MUSC106A Beginning Classical Guitar Class; (2) REG/P-F/AUD. For students with no previous musical experience.
0101 **(38209)** Cavallaro, G.
MW 11:00am-11:50am (TWS 1102)

MUSC111 *(PermReq)* **Class Study of Wind and Percussion Instruments; (2)** REG/P-F/AUD. *Open only to majors in music education (vocal option).*
0101 **(38219)** Taylor, S.
TuTh 11:00am-11:50am (TWS 1123)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC113 *(PermReq)* **Class Study: Violin; (2)** REG/AUD. *Open only to majors in music (instrumental option).*
0101 **(38229)** Fischbach, G.
MWF 9:00am-9:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC117 *(PermReq)* **Class Study: Flute, Oboe, Bassoon, and Saxophone; (2)** REG/AUD. *Open only to majors in music education (instrumental option).*
0101 **(38239)** Walters, E.
MWF 10:00am-10:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC121 *(PermReq)* **Class Study: Horn, Trombone, Euphonium, and Tuba; (2)** REG/P-F. *Open only to majors in music education (instrumental option).*
0101 **(38249)** Sparks, L.
MWF 8:00am-8:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC123 *(PermReq)* **Movement for Singers; (1)** REG/P-F/AUD. For MUSC majors only.
0101 **(38259)** Balthrop, C.
Th 11:00am-12:30pm (TWS 1125)

MUSC128 *(PermReq)* **Sight Reading For Pianists; (2)** REG/AUD
0101 **(38269)** Dedova, L.
MW 10:00am-10:50am (TWS 3131)

MUSC129A *(PermReq)* **Ensemble: Strings; (1)** REG. Contact instructor to make arrangements.
0101 **(38279)** Salness, D.
MW 5:15pm-6:30pm (TWS 2102)

MUSC129B *(PermReq)* **Ensemble: Woodwinds; (1)** REG. Contact instructor to make arrangements.
0101 **(38293)** Hill, M.
MW 5:15pm-6:30pm (TWS 3238)
0201 **(38289)** Underwood, D.
TBA (TWS 3120A)
0301 **(38290)** Montgomery, W.
TBA (TWS 3125)
0501 **(38291)** Walters, E.
W 12:00pm-2:00pm (TWS 1123)

MUSC129C *(PermReq)* **Ensemble: Brass Ensemble; (1)** REG. Contact instructor to make arrangements.
0101 **(38302)** Girdler, J.
F 12:00pm-2:00pm (TWS 1102)
Brass Ensemble (Large)
0201 **(38303)** Girdler, J.
Time and room to be arranged
Brass Ensemble (Horn)
0301 **(38304)** Girdler, J.
Time and room to be arranged
Brass Ensemble (Quintet)
0401 **(38305)** STAFF
TBA (TWS 1102)
0501 **(38306)** STAFF
Time and room to be arranged

MUSC129F *(PermReq)* **Ensemble: Percussion; (1)** REG. Contact instructor to make arrangements.
0101 **(38316)** Barnett, R.
TuTh 11:00am-12:15pm (TWS 1102)

MUSC129G *(PermReq)* **Ensemble: Percussion Keyboard; (1)** REG. Contact instructor to make arrangements.
0101 **(38326)** Barnett, R.
TBA (TWS 1209B)

MUSC129I *(PermReq)* **Ensemble: Twentieth Century; (1)** REG/P-F/AUD. Contact instructor to make arrangements
0101 **(38336)** Wilson, M.
TBA (TWS 1102)

MUSC129J Ensemble: Jazz; (1) REG. Contact instructor to make arrangements.
0101 **(38346)** Vadala, C.
MW 5:30pm-7:00pm (TWS 1102)
0201 **(38347)** Vadala, C.
MW 1:00pm-2:20pm (TWS 1102)
0301 **(38348)** Vadala, C.
Time and room to be arranged

MUSC129K Ensemble: Non-Western; (1) REG. Contact instructor to make arrangements.
0101 **(38358)** Robertson, C.
Th 7:00pm-8:30pm (TWS 3238)

MUSC129L Ensemble: Mixed Instruments; (1) REG. Contact instructor to make arrangements.
0101 **(38368)** Montgomery, W.
TBA (TWS 3125)

MUSC129M *(PermReq)* **Ensemble: Flute Choir; (1)** REG. Contact instructor to make arrangements.
0101 **(38378)** Montgomery, W.
TBA (TWS 3125)

MUSC130 Survey of Music Literature; (3) REG/P-F/AUD. CORE: HA *Open to all students except music and music education majors.*
0101 **(38388)** Davis, S.
MW 1:00pm-1:50pm (TWS 2102)
F 1:00pm-1:50pm (TWS 2102) Lab
0102 **(38389)** Davis, S.
MW 1:00pm-1:50pm (TWS 2102)
F 12:00pm-12:50pm (TWS 2138) Lab
0103 **(38390)** Davis, S.
MW 1:00pm-1:50pm (TWS 2102)
F 11:00am-11:50am (TWS 2135) Lab
0201 **(38391)** Davis, S.
MW 10:00am-10:50am (TWS 2102)
F 10:00am-10:50am (TWS 2102) Lab
0202 **(38392)** Davis, S.
MW 10:00am-10:50am (TWS 2102)
F 9:00am-9:50am (TWS 3238) Lab
0301 **(38393)** Davis, S.
MW 11:00am-11:50am (TWS 2102)
F 11:00am-11:50am (TWS 2102) Lab
0302 **(38394)** Davis, S.
MW 11:00am-11:50am (TWS 2102)
F 10:00am-10:50am (TWS 2135) Lab
0303 **(38395)** Davis, S.
MW 11:00am-11:50am (TWS 2102)
F 12:00pm-12:50pm (TWS 2123) Lab

MUSC130H Survey of Music Literature; (3) REG/P-F/AUD. CORE: HA *Open to all students except music and music education majors.* For general honors students only.
0203 **(38405)** Davis, S.
MW 10:00am-10:50am (TWS 2102)
F 12:00pm-12:50pm (TWS 2102) Dis

MUSC140 Music Fundamentals I; (3) REG/AUD. CORE: HA *Limited to non-music majors.*
0101 **(38415)** Weibel, A.
TuTh 3:30pm-4:45pm (TWS 3116)
0201 **(38416)** Hoffman, C.
MWF 10:00am-10:50am (TWS 2123)
0301 **(38417)** Munson, L.
TuTh 11:00am-12:15pm (TWS 2135)
0401 **(38418)** Munson, L.
TuTh 12:30pm-1:45pm (TWS 2135)
0501 **(38419)** Weibel, A.
TuTh 2:00pm-3:15pm (TWS 2135)

MUSC151 *(PermReq)* **Theory of Music II; (3)** REG/AUD. *Prerequisite: a grade of C or better in MUSC 150.*
0101 **(38429)** Payerle, L.
TuThF 9:00am-9:50am (TWS 2138)
MW 9:00am-9:50am (TWS 2138) Lab
0102 **(38430)** Payerle, L.
TuThF 9:00am-9:50am (TWS 2138)
MW 9:00am-9:50am (TWS 2135) Lab
0201 **(38431)** Layton, R.
MWF 9:00am-9:50am (TWS 3116)
TuTh 9:00am-9:50am (TWS 3116) Lab
0202 **(38432)** Layton, R.
MWF 9:00am-9:50am (TWS 3116)
TuTh 9:00am-9:50am (TWS 2135) Lab

MUSC155 Fundamentals for the Classroom Teacher; (3) REG/P-F/AUD. *Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155.*
0101 **(38442)** Fanos, S.
TuTh 9:30am-11:00am (TWS 3238)
0201 **(38443)** STAFF
MWF 11:00am-11:50am (TWS 2123)
0301 **(38444)** Fanos, S.
TuTh 11:00am-12:30pm (TWS 3238)
0401 **(38445)** Jacobsen, L.
MWF 10:00am-10:50am (TWS 3238)

MUSC200 Intermediate Class Voice I; (2) REG. *Prerequisite: MUSC 100 or equivalent vocal training.*
0101 **(38455)** STAFF
MW 9:00am-9:50am (TWS 3238)

MUSC203 *(PermReq)* **Intermediate Class Piano II; (2)** REG/AUD. *Prerequisite: MUSC 202 or equivalent piano training.* Limited to MUED voice principals.
0101 **(38465)** Elliston, R.
MWF 9:00am-9:50am (TWS 3218)

MUSC210 The Impact of Music on Life; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(38475)** Roseman, M.
MW 11:00am-11:50am (PHY 1412)
F 1:00pm-1:50pm (TWS 2135) Lab
0102 **(38476)** Roseman, M.
MW 11:00am-11:50am (PHY 1412)
F 12:00pm-12:50pm (TWS 2135) Lab
0103 **(38477)** Roseman, M.
MW 11:00am-11:50am (PHY 1412)
F 11:00am-11:50am (TWS 2138) Lab
0104 **(38478)** Roseman, M.
MW 11:00am-11:50am (PHY 1412)
F 1:00pm-1:50pm (TWS 2138) Lab
0105 **(38479)** Roseman, M.
MW 11:00am-11:50am (PHY 1412)
F 2:00pm-2:50pm (TWS 2102) Lab
0106 **(38480)** Roseman, M.
MW 11:00am-11:50am (PHY 1412)
F 3:00pm-3:50pm (TWS 2102) Lab
0107 **(38481)** Roseman, M.
MW 11:00am-11:50am (PHY 1412)
F 11:00am-11:50am (TWS 0138) Lab
0108 **(38482)** Roseman, M.
MW 11:00am-11:50am (PHY 1412)
F 12:00pm-12:50pm (TWS 0138) Lab
0109 **(38483)** Roseman, M.
MW 11:00am-11:50am (PHY 1412)
F 2:00pm-2:50pm (TWS 0138) Lab

MUSC226 Vocal Diction: French; (1) REG/P-F/AUD.
0101 **(38493)** Kauffman, L.
Th 1:30pm-3:20pm (TWS 2102)

MUSC227 Vocal Diction: German; (1) REG/P-F/AUD.
0101 **(38503)** Chen, L.
Time and room to be arranged

MUSC229A Ensemble: Symphony Orchestra; (1) REG. Contact instructor to make arrangements.
0101 **(38513)** Hudson, W.
MWF 3:00pm-5:00pm (TWS 1102)

MUSC229C Ensemble: Theater Orchestra; (1) REG. Contact instructor to make arrangements.
0101 **(38523)** Hudson, W.
TBA (TWS 3267)

MUSC229D Ensemble: Symphonic Wind Ensemble; (1) REG. Contact instructor to make arrangements.
0101 **(38533)** Wakefield, J.
TuTh 3:30pm-5:45pm (TWS 1102)

MUSC229E Ensemble: Concert Band; (1) REG. Contact instructor to make arrangements.
0101 **(38543)** Sparks, L.
TuTh 2:00pm-3:15pm (TWS 1102)

MUSC229I Ensemble; (1) REG/P-F/AUD.
0101 **(38553)** Sparks, L.
Time and room to be arranged

MUSC248 Selected Topics in Music: Women in Music; (3) REG/P-F/AUD.
0101 **(38563)** Beicken, S.
TuTh 2:00pm-3:15pm (TWS 2123)

MUSC248A Selected Topics in Music: Musics of the World; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(38573)** Little, B.
TuTh 1:00pm-1:50pm (JMZ 0220)
F 10:00am-10:50am (TWS 0147) Dis
0102 **(38574)** Little, B.
TuTh 1:00pm-1:50pm (JMZ 0220)
F 11:00am-11:50am (TWS 0147) Dis
0103 **(38575)** Little, B.
TuTh 1:00pm-1:50pm (JMZ 0220)
F 12:00pm-12:50pm (TWS 0147) Dis

MUSC248B Selected Topics in Music: History of Popular Music, 1950-Present; (3) REG/P-F/AUD. Open to majors and non-majors.
0101 **(38579)** King, R.
MW 11:00am-12:15pm (TWS 2138)

MUSC251 *(PermReq)* **Advanced Theory of Music II; (4)** REG/AUD. *Prerequisite: a grade of C or better in MUSC 250.*
0101 **(38588)** Wilson, M.
TuThF 10:00am-10:50am (TWS 2138)
MW 10:00am-10:50am (TWS 2138) Lab
0102 **(38589)** Wilson, M.
TuThF 10:00am-10:50am (TWS 2138)
MW 10:00am-10:50am (TWS 2135) Lab
0201 **(38590)** Delio, T.
MWF 10:00am-10:50am (TWS 3116)
TuTh 10:00am-10:50am (TWS 3116) Lab
0202 **(38591)** Delio, T.
MWF 10:00am-10:50am (TWS 3116)
TuTh 10:00am-10:50am (TWS 2135) Lab

MUSC328 *(PermReq)* **Chamber Music Performance for Pianists; (2)** REG.
0101 **(38601)** Volchok, M.
TBA (TWS 3131)

MUSC329A Ensemble: University of Maryland Chorale; (1) REG. Contact instructor to make arrangements.
0101 **(38611)** Folstrom, R.
TuTh 3:30pm-5:30pm (TWS 2102)

MUSC329D Ensemble: University Chorus; (1) REG. Open by audition only. Please report to TWS 2140.
0101 **(38621)** Traver, P.
Tu 7:00pm-10:00pm (TWS 2102)
TBA (TWS 2102) Lab

MUSC329E Ensemble: Gospel Choir; (1) REG.
0101 **(38631)** Carswell, A.
Th 7:00pm-10:00pm (TWS 2102)

MUSC331 *(PermReq)* **History of Music III; (3)** REG/AUD. *Prerequisite: MUSC 230 and MUSC 330.*
0101 **(38641)** Wexler, R.
MWF 2:00pm-2:50pm (TWS 3116)

MUSC379 *(PermReq)* **Opera Workshop; (2)** REG/P-F/AUD.
0101 **(38651)** STAFF
W 3:00pm-5:00pm (TWS 3238)

MUSC386 *(PermReq)* **Experiential Learning; (6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*
0101 **(38661)** STAFF
Time and room to be arranged

MUSC388 *(PermReq)* **Music Internship; (3)** REG.
0101 **(38671)** STAFF
TBA (TWS 2110)

MUSC389 *(PermReq)* **Music Internship Analysis; (1)** REG.
0101 **(38681)** STAFF
TBA (TWS 2110)

MUSC400V *(PermReq)* **Music Pedagogy; (3)** REG/AUD. *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* Limited to voice majors.
0101 **(38691)** Randall, M.
MW 4:30pm-6:00pm (TWS 2138)

MUSC400W *(PermReq)* **Music Pedagogy; (3)** REG/P-F/AUD. *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* For wind and percussion majors.
0101 **(38701)** Wakefield, J.
Time and room to be arranged

MUSC428 *(PermReq)* **Repertoire Coaching of Vocal or Chamber Music; (2)** REG/AUD.
0101 **(38721)** McCoy, R.
TBA (TWS 3214A)

MUSC429 *(PermReq)* **Opera Theater; (2)** REG/P-F/AUD.
0101 **(38731)** STAFF
W 3:00pm-5:00pm (TWS 3238)

MUSC436 Jazz: Then and Now; (3) REG/P-F/AUD.
0101 **(38741)** Wexler, R.
MW 11:00am-12:15pm (TWS 3116)

MUSC439 Collegium Musicum; (1) REG/AUD.
0101 **(38752)** Wexler, R.
TuTh 4:30pm-6:30pm (TWS 3238)

MUSC448 *(PermReq)* **Selected Topics in Music; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC448B *(PermReq)* **Selected Topics in Music: Advanced Instrumental Jazz Improvisation; (3)** REG. Prerequisite: MUSC 345 or permission of instructor.
0101 **(38807)** Vadala, C.
M 7:00pm-9:30pm (TWS 1102)

MUSC448C Selected Topics in Music: Music and Gender; (3) REG/AUD. Also offered as MUSC 679C, WMST 498G, and WMST 698G.
0101 **(38817)** Sandstrom, B.
Tu 3:30pm-6:00pm (TWS 2208)

MUSC448D Selected Topics in Music: The Thought and Works of John Cage; (3) REG/P-F/AUD.
0101 **(38818)** Patterson, D.
W 6:30pm-9:00pm (TWS 2135)

MUSC448H Selected Topics in Music: Music and Experimental Arts in Post-War America; (3) REG/AUD. For general honors students only.
0101 **(38827)** Patterson, D.
MWF 2:00pm-2:50pm (TWS 2135)

MUSC448J *(PermReq)* **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; (2)** REG/AUD. Instructors: Elliston, R. and Wells, R.
0101 **(38837)** Elliston, R.
W 7:00pm-10:00pm (TWS 3218)
W 7:00pm-10:00pm (TWS 3218) Lab

MUSC448K Selected Topics in Music: Music Notation on Computers; (2) REG/AUD.
0101 **(38847)** STAFF
Th 4:00pm-6:00pm (TWS 2211)

MUSC448L *(PermReq)* **Selected Topics in Music: MIDI Applications; (3)** REG. Permission of instructor.
0101 **(38857)** Gibson, R.
MW 1:00pm-2:30pm (TWS 2211)

MUSC448S *(PermReq)* **Selected Topics in Music: String Pedagogy: Suzuki; (3)** REG/AUD.
0101 **(38867)** Cole, R.
Tu 12:00pm-3:00pm (TWS 2138)
Tu 5:00pm-7:00pm (TWS 2138) Lab

MUSC450 *(PermReq)* **Musical Form; (3)** REG/P-F/AUD. *Prerequisite: MUSC 251.*
0101 **(38877)** Payerle, L.
TuTh 2:00pm-3:15pm (TWS 3116)

MUSC452 *(PermReq)* **Keyboard Harmony; (2)** REG/P-F/AUD. *Prerequisite: MUSC 251.* Limited to piano majors only.
0101 **(38887)** Elliston, R.
MWF 10:00am-10:50am (TWS 3218)

MUSC471 *(PermReq)* **Contemporary Compositional Techniques; (2)** REG/AUD. *Prerequisite: MUSC 470 or permission of department.*
0101 **(38897)** Delio, T.
M 11:00am-1:00pm (TWS 2208)

MUSC485 Music in the 20th Century; (3) REG/P-F/AUD.
0101 **(38908)** Patterson, D.
MWF 10:00am-10:50am (TWS 2208)

MUSC491 *(PermReq)* **Conducting II; (2)** REG/AUD. *Prerequisite: MUSC 490 or equivalent.*
0101 **(38917)** STAFF
MWF 1:00pm-1:50pm (TWS 2123)
0201 **(38918)** Wakefield, J.
MW 12:00pm-12:50pm (TWS 1102)
Th 8:00am-8:50am (TWS 1102) Lab

MUSC493 *(PermReq)* **Keyboard Music II; (3)** REG/AUD. *Prerequisite: MUSC 492.*
0101 **(38928)** Gowen, B.
MW 11:00am-12:30pm (Arranged)

MUSC499 *(PermReq)* **Independent Studies; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC602 *(PermReq)* **Advanced Italian Lyric Diction; (1)** REG/AUD. *Prerequisite: admission to graduate voice program or permission of instructor. For music majors only.*
0101 **(38974)** Cossa, D.
Tu 10:00am-11:30am (TWS 2102)

MUSC604 Advanced French Lyric Diction; (1) REG/AUD. *Prerequisite: admission to graduate voice program or permission of instructor. For music majors only.*
0101 **(38984)** McCoy, R.
Tu 10:00am-11:30am (TWS 2233)

MUSC606 Opera Repertory II; (1) REG/AUD. *Prerequisite: MUSC 605 or permission of instructor. For MUSC majors only.*
0101 **(38994)** STAFF
F 10:00am-12:00pm (TWS 3228)

MUSC608 *(PermReq)* **Chamber Music Repertory; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC612 *(PermReq)* **Opera Techniques II; (3)** REG/AUD. *Prerequisites: MUSC 611 with a grade of B or better and permission of Director of Opera. Corequisite: MUSC 602. For MUSC majors only.*
0101 **(39029)** Major, L.
Time and room to be arranged
Time and room to be arranged Lab

MUSC614 *(PermReq)* **Opera Techniques IV; (3)** REG/AUD. *Prerequisites: MUSC 613 with a grade of B or better and permission of Director of Opera. Corequisites: MUSC 604 and MUSC 606. For MUSC majors only.*
0101 **(39039)** Major, L.
Time and room to be arranged
Time and room to be arranged Lab

MUSC645 *(PermReq)* **Seminar in Vocal Pedagogy; (3)** REG/AUD. *Prerequisite: MUSC 400 or equivalent.* Advanced special students require department authorization.
0101 **(39049)** Randall, M.
MW 4:30pm-6:00pm (TWS 2138)

MUSC648 Seminar in Music Research; (3) REG/AUD.
0101 **(39059)** Patterson, D.
Tu 3:30pm-6:00pm (TWS 2123)

MUSC670 Advanced Analytical Techniques I; (3) REG/AUD. *Prerequisite: MUSC 451 or permission of department.*
0101 **(39069)** Moss, L.
W 4:30pm-7:00pm (TWS 3116)

MUSC679A Seminar in Ethnomusicology: South East Asia, Tradition and Modernity; (3) REG/AUD.
0101 **(39079)** Roseman, M.
M 3:30pm-6:00pm (TWS 2208)

MUSC679B Seminar in Ethnomusicology: Ritual, Theatre and Performance; (3) REG/AUD.
0101 **(39089)** Robertson, C.
W 3:30pm-6:00pm (TWS 2208)

MUSC679C Seminar in Ethnomusicology: Music and Gender; (3) REG/AUD. Also offered as MUSC 448C, WMST 498G, and WMST 698G.
0101 **(39099)** Sandstrom, B.
Tu 3:30pm-6:00pm (TWS 2208)

MUSC679E Seminar in Ethnomusicology: Improvisation; (3) REG/AUD.
0101 **(39119)** Reiss, S.
W 6:30pm-9:00pm (TWS 3238)

MUSC683 *(PermReq)* **Seminar in Music of the Classic Era; (3)** REG/AUD.
0101 **(51729)** King, R.
Tu 10:00am-12:30pm (TWS 2208)

MUSC689 *(PermReq)* **Advanced Conducting; (3)** REG/AUD. Advanced special students require department authorization. Limited to conducting majors only.
0102 **(39139)** Traver, P.
W 2:30pm-4:30pm (TWS 2123)
0104 **(39140)** Traver, P.
Time and room to be arranged
0201 **(39141)** Hudson, W.
TBA (TWS 3267)
0301 **(39142)** Wakefield, J.
Time and room to be arranged

MUSC699 *(PermReq)* **Selected Topics in Music; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC699D Selected Topics in Music: The Thought and Works of John Cage; (3) REG/AUD.
0101 **(51728)** Patterson, D.
W 6:30pm-9:00pm (TWS 2135)

MUSC699J *(PermReq)* **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; (2)** REG/AUD.
0101 **(39186)** Elliston, R.
W 7:00pm-10:00pm (TWS 3218)
W 7:00pm-10:00pm (TWS 3218) Lab

MUSC699S *(PermReq)* **Selected Topics in Music: String Pedagogy: Suzuki; (3)** REG/AUD.
0101 **(39206)** Cole, R.
Tu 12:00pm-3:00pm (TWS 2138)
Tu 5:00pm-7:00pm (TWS 2138) Lab

MUSC799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

MUSC800W *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For wind and percussion majors.
0101 **(39242)** Wakefield, J.
Time and room to be arranged

MUSC801A *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.*
0101 **(39252)** McCoy, R.
Time and room to be arranged

MUSC801C *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For conducting majors.
0101 **(39262)** Traver, P.
Time and room to be arranged
0102 **(39263)** Hudson, W.
Time and room to be arranged
0103 **(39264)** Wakefield, J.
Time and room to be arranged

MUSC801P *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.*
0101 **(39274)** Page, C.
Tu 11:00am-1:30pm (TWS 3116)

MUSC801V *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.*
0101 **(39284)** Major, L.
M 3:00pm-5:30pm (TWS 3228)

MUSC801W *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For wind and percussion majors.
0101 **(39294)** Wakefield, J.
Time and room to be arranged

MUSC830C Doctoral Seminar in Music Literature; (3) REG/AUD. *Prerequisite: at least twelve hours in music history and literature.*
0101 **(39304)** Traver, P.
Time and room to be arranged
0201 **(39305)** Hudson, W.
Time and room to be arranged
0301 **(39306)** Wakefield, J.
Time and room to be arranged

MUSC830W *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: at least twelve hours in music history and literature.* For wind and percussion majors.
0101 **(39316)** Wakefield, J.
Time and room to be arranged

MUSC831C *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.*
0101 **(39326)** Traver, P.
Time and room to be arranged
0102 **(39327)** Hudson, W.
Time and room to be arranged
0103 **(39328)** Wakefield, J.
Time and room to be arranged

MUSC831S *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.*
0101 **(39338)** Salness, D.
MW 10:00am-11:30am (TWS 2154)

MUSC831W *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.* For wind and percussion majors.
0101 **(39348)** Wakefield, J.
Time and room to be arranged

MUSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MUSP Music Performance (*Arts and Humanities*)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the School of Music Director. Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the School of Music Office.

An applied music fee of $100 per semester in addition to regular tuition is assessed for all registrations in the MUSP MINOR SERIES.

An applied music fee of $200 per semester in addition to regular tuition is assessed for all registrations in the MUSP PRINCIPAL and MAJOR SERIES.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.
SUFFIX—INSTRUMENT
A——Piano
B——Voice
C——Violin
D——Viola
E——Cello
F——Bass
G——Flute
H——Oboe
I——Clarinet
K——Saxophone
L——Horn
M——Trumpet
N——Trombone
O——Tuba
P——Euphonium
Q——Percussion
S——World inst
(INSTRUMENT DESIGNATION cont'd)
T——Composition
U——Conducting graduate
V——Harp
W——Electronic comp.
X——Hist inst - keyboard
Y——Hist inst - strings
Z——Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 *(PermReq)* **Music Performance; Minor Series. (2 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, U, V, X, Y, Z
Time and room to be arranged.

Minor series lessons for non-major pianists are given on a space-available basis and may not be registered for before the beginning of the semester. Contact the Chair of the Piano Division on the first day of classes, giving your name, telephone number, and number of years of piano study. Your name will be placed on a waiting list, and if there is an opening for you in a faculty member's schedule, then you will be called by that faculty member. At that point you will register for the course.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 *(PermReq)* Music Performance; Principal Series. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, X, Y, Z
Time and room to be arranged.

MUSP609 *(PermReq)* Interpretation and Repertoire. **(2 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MUSP610 *(PermReq)* Graduate Music Performance. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study

MUSP119, 120, 217, 218, 315, 316, 419, 420 *(PermReq)* Music Performance; Major Series. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, W
Time and room to be arranged.

MUSP619 *(PermReq)* Interpretation and Repertoire. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP620 *(PermReq)* Graduate Music Performance. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP719 *(PermReq)* Interpretation and Repertoire. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP815 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP816 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP817 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

NACS Neuroscience & Cognitive Science (Life Sciences)

NACS618 The Classics in Neuroscience and Cognitive Science; (2) REG/AUD.
0101 **(41268)** STAFF
Th 12:00pm-1:30pm (CSS 2114)

NACS642 Cognitive and Computational Neuroscience; (4) REG/AUD.
0101 **(41278)** STAFF
MWF 1:00pm-3:00pm (CSS 2114)

NACS728E Selected Topics in Neuroscience and Cognitive Science: The Molecular Basis of Perception; (2) REG/AUD. Prerequisites: a course in cell biology and a course in neurobiology or permission of instructor.
0101 **(41298)** Payne, R.
W 2:30pm-4:30pm (ZOP 1230)

NACS899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

NFSC Nutrition and Food Science (Agriculture and Natural Resources)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NFSC100 Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.*
0101 **(41358)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 3:00pm-3:50pm (ZOP 1124) Dis
0102 **(41359)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 11:00am-11:50am (ARM 0117) Dis
0103 **(41360)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 4:00pm-4:50pm (KEY 0103) Dis
0104 **(41361)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
Th 4:00pm-4:50pm (ARM 0116) Dis
0105 **(41362)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
Th 11:00am-11:50am (ZOP 1234) Dis
0106 **(41363)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1238) Dis
0107 **(41364)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
Th 1:00pm-1:50pm (ZOP 1124) Dis
0108 **(41365)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 12:00pm-12:50pm (ARM 0118) Dis
Section 0108 is recommended for majors only.
0109 **(41366)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 4:00pm-4:50pm (ARM 0118) Dis
0110 **(41367)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 1:00pm-1:50pm (MMH 3418) Dis
0111 **(41368)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 9:00am-9:50am (ARM 0118) Dis
0112 **(41369)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 5:00pm-5:50pm (MMH 1304) Dis
0113 **(41370)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
Th 2:00pm-2:50pm (HBK 1116) Dis
0114 **(41371)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
Th 10:00am-10:50am (ARM 0118) Dis
0115 **(41372)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 11:00am-11:50am (TYD 1108) Dis
0116 **(41373)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
Th 12:00pm-12:50pm (ARM 0120) Dis
0117 **(41374)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 10:00am-10:50am (MMH 3418) Dis
0118 **(41375)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 9:00am-9:50am (MMH 1304) Dis
0119 **(41376)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
Th 9:00am-9:50am (MMH 3418) Dis

NFSC100H Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.* For general honors students only.
0101 **(41386)** Ahrens, R.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 10:00am-10:50am (ARM 0119) Dis

NFSC112 Food: Science and Technology; (3) REG/P-F/AUD.
0101 **(41396)** Curtis, S.
MW 12:00pm-12:50pm (ARM 0112)
F 12:00pm-12:50pm (ARM 0116) Dis
0102 **(41397)** Curtis, S.
MW 12:00pm-12:50pm (ARM 0112)
Th 12:00pm-12:50pm (PLS 1172) Dis

NFSC315 Nutrition During the Lifecycle; (3) REG/P-F/AUD. *Prerequisite: NFSC 100 or NFSC 200. Formerly NUTR 315.*
0101 **(41407)** STAFF
TuTh 2:00pm-3:15pm (PLS 1140)

NFSC328A Selected Topics in Nutrition and Food Science: Mycotoxins: Their Identification, Occurrence and Control; (3) REG.
0101 **(51724)** Bean, G.
W 1:00pm-1:50pm (HJP 1216)
W 2:00pm-5:00pm (HJP 2113) Lab

NFSC350 *(PermReq)* **Foodservice Operations; (5)** REG. *Prerequisite: NFSC 250. Pre- or corequisite: MICB 200. Corequisite: BMGT 364. For Dietetics majors only. Formerly FSAD 350.*
0101 **(41417)** Curtis, S.
MF 9:30am-10:45am (MMH 3418)
Tu 8:00am-1:30pm (MMH 3108) Lab
0102 **(41418)** Curtis, S.
MF 9:30am-10:45am (MMH 3418)
W 8:00am-1:30pm (MMH 3108) Lab

NFSC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. Formerly FDSC 386 and NUTR 386. 56 semester hours.*
0101 **(41429)** Schlimme, D.
Time and room to be arranged

NFSC398 Seminar; (1) REG. FDSC majors only.
0101 **(41439)** Kantor, M.
Tu 5:30pm-6:30pm (MMH 3418)

NFSC399 *(PermReq)* **Special Problems in Food Science; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC412 Food Processing Technology; (4) REG/P-F/AUD. *Prerequisites: CHEM 243; and NFSC 431; and NFSC 434; and ENBE 414. Corequisites: NFSC 421 and NFSC 423. Recommended: MATH 220. Formerly FDSC 412.*
0101 **(41460)** Meng, J.
MW 10:00am-11:15am (ARM 0118)
M 1:00pm-5:30pm (ARM 0112) Lab

NFSC422 *(PermReq)* **Food Product Research and Development; (3)** REG/P-F/AUD. CORE: CS *Prerequisite: permission of department. Senior standing. For FDSC majors only. Formerly FDSC 422.* Several all day field trips required.
0101 **(41470)** Schlimme, D.
W 9:00am-9:50am (MMH 3418)
F 8:00am-12:00pm (MMH 3401) Lab

NFSC430 Food Microbiology; (2) REG/P-F/AUD. *Prerequisite: MICB 200 or equivalent. Also offered as ANSC 430. Credit will be granted for only one of the following: NFSC 430 or ANSC 430. Formerly FDSC 430.*
0101 **(41480)** Westhoff, D.
TuTh 9:00am-9:50am (ANS 0408)

NFSC434 *(PermReq)* **Food Microbiology Laboratory; (2)** REG/P-F/AUD. *Pre- or corequisite: NFSC 430. Also offered as ANSC 434. Credit will be granted for only one of the following: NFSC 434 or ANSC 434. Formerly FDSC 434.*
0101 **(41490)** Westhoff, D.
TuTh 1:00pm-4:00pm (ANS 1150) Lab

NFSC450 Food and Nutrient Analysis; (3) REG/P-F/AUD. *Prerequisites: NFSC 100 or NFSC 200; and BCHM 461. Formerly NUTR 450.*
0101 **(41500)** Castonguay, T.
W 12:30pm-1:30pm (MMH 3419)
W 1:30pm-5:30pm (MMH 3419) Lab

NFSC460 *(PermReq)* **Therapeutic Human Nutrition; (4)** REG/P-F/AUD. *Prerequisites: NFSC 380 and NFSC 440. Formerly NUTR 460.*
0101 **(41510)** Blake, A.
MW 11:00am-12:15pm (MMH 3418)
M 2:00pm-4:00pm (MMH 3418) Lab
0102 **(41511)** Blake, A.
MW 11:00am-12:15pm (MMH 3418)
W 2:00pm-4:00pm (MMH 1304) Lab
0103 **(41512)** Blake, A.
MW 11:00am-12:15pm (MMH 3418)
Th 10:00am-12:00pm (MTH B0427) Lab

NFSC468 *(PermReq)* **Practicum in Nutrition; (1-3)** S-F.
0101 **(41522)** Curtis, S.
Time and room to be arranged

NFSC470 Community Nutrition; (3) REG/P-F/AUD. *Prerequisites: NFSC 100 or NFSC 200; and NFSC 315. Formerly NUTR 470.*
0101 **(41532)** Sims, L.
M 12:30pm-1:20pm (ARM 0110)
Th 12:30pm-1:20pm (ARM 0117)
Tu 4:00pm-6:00pm (ARM 0117) Dis
0102 **(41533)** Sims, L.
M 12:30pm-1:20pm (ARM 0110)
Th 12:30pm-1:20pm (ARM 0117)
F 11:30am-1:30pm (ARM 0112) Dis

NFSC490 *(PermReq)* **Special Problems in Nutrition; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: NFSC 440 and permission of department. Formerly NUTR 490.*

NFSC498 *(PermReq)* **Selected Topics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC498A *(PermReq)* **Selected Topics: Individual Study; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC615 Maternal and Infant Nutrition; (3) REG/AUD. *Prerequisite: NFSC 460 or equivalent, or permission of department. Formerly NUTR 615.*
0101 **(41574)** Moser-Veillon, P.
MW 3:30pm-4:45pm (ARM 0108)

NFSC635 Carbohydrates, Lipids and Proteins in Human Nutrition; (3) REG/AUD. *Prerequisite: NFSC 450 or equivalent. Formerly NUTR 635.*
0101 **(41584)** Ahrens, R.
MW 5:00pm-6:15pm (MMH 3418)

NFSC678C Selected Topics in Nutrition: Food and Nutrient Analysis; (2-3) REG/AUD
0101 **(41594)** Castonguay, T.
W 12:30pm-1:30pm (MMH 3419)
W 1:30pm-5:30pm (MMH 3419) Lab

NFSC678L *(PermReq)* **Selected Topics in Nutrition: Biochemical and Biophysical Lipid Research Seminar; (1)** REG/AUD.
0101 **(41605)** Boyle-Roden, E.
Time and room to be arranged

NFSC698 Colloquium in Food Science; (1) REG. Majors only.
0101 **(41614)** Castonguay, T.
Th 4:00pm-4:50pm (PLS 1113)

NFSC699 *(PermReq)* **Problems in Nutrition and Food Science; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC699A Problems in Nutrition and Food Science: Mycotoxins: Their Identification, Occurrence and Control; (3) REG/AUD.
0101 **(41700)** Bean, G.
Time and room to be arranged

NFSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

NFSC898 Colloquium in Nutrition; (1) REG/AUD.
0101 **(41667)** Castonguay, T.
Th 4:00pm-4:50pm (PLS 1113)

NFSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

NRMT Natural Resources Management (Agriculture and Natural Resources)

NRMT388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(41701)** STAFF
Time and room to be arranged

NRMT389 *(PermReq)* **Internship: Internship in Natural Resources Management; (3)** S-F. Natural resources management majors only.
0101 **(41749)** Kangas, P.
Time and room to be arranged

NRMT451 Water Quality: Field and Lab Analysis Methods; (3) REG. *Prerequisites: CHEM 103 and (CHEM 104 or CHEM 113). Also offered as ENBE 451. Credit will be granted for only one of the following: NRMT 451 or ENBE 451.*
0101 **(41759)** Baldwin, A.
M 1:00pm-1:50pm (ANS 0422)
W 1:00pm-4:50pm (ANS 0422) Lab

NRMT460 Principles of Wildlife Management; (3) REG. *Three Saturday field trips are scheduled. Prerequisite: two semesters of laboratory biology.*
0101 **(41769)** Adams, L.
TuTh 8:00am-9:15am (ANS 0412)

NRMT470 *(PermReq)* **Natural Resources Management; (4)** REG. CORE: CS *Senior standing. For NRMT majors only.* Second semester juniors and seniors only.
0101 **(41779)** Kangas, P.
MW 3:00pm-4:30pm (ANS 0538)

NRMT489 *(PermReq)* **Field Experience; (1-4)** REG.
0101 **(41799)** Kangas, P.
Time and room to be arranged

NRMT489A Field Experience: Development and the Chesapeake Bay; (2) REG/AUD.
0101 **(41809)** Schueler, T.
M 4:30pm-6:30pm (ANS 0412)

NRMT489B Field Experience: Field Techniques in Wildlife Management; (2) REG.
0101 **(41819)** Adams, L.
Th 1:00pm-5:00pm (ANS 0538)

PBIO Plant Biology
(Life Sciences)

PBIO100 Plant Biology for Non-Science Students; (3) REG/P-F/AUD. *For non-science majors only. Not open to students who have completed BIOL 105. Formerly BOTN 104.* Approved CORE Distributive Studies Life Science Laboratory Course only when taken concurrently with PBIO 101. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PBIO 101, course may be counted as USP Area B Lab Science Course.
1001 **(41869)** Bottino, P.
MWF 10:00am-10:50am (HJP 0226)
2001 **(41870)** Browning, J.
TuTh 11:00am-12:15pm (HJP 0226)

PBIO101 Laboratory in Plant Biology; (1) REG/P-F/AUD. *Pre- or corequisite: PBIO 100. For non-science majors only. Formerly BOTN 105.* Approved CORE Distributive Studies Life Science Laboratory Course only when taken concurrently with PBIO 100.
1102 **(41882)** Barnett, N.
M 12:00pm-3:00pm (HJP 1105) Lab
1103 **(41883)** Barnett, N.
M 12:00pm-3:00pm (HJP 1125) Lab
1104 **(41884)** Barnett, N.
M 3:00pm-6:00pm (HJP 1105) Lab
1108 **(41888)** Barnett, N.
Tu 12:30pm-3:30pm (HJP 1125) Lab
1109 **(41889)** Barnett, N.
Tu 12:30pm-3:30pm (HJP 1105) Lab
1110 **(41890)** Barnett, N.
Tu 3:30pm-6:30pm (HJP 1105) Lab
1111 **(41891)** Barnett, N.
Tu 3:30pm-6:30pm (HJP 1125) Lab
1112 **(41892)** Barnett, N.
W 9:00am-12:00pm (HJP 1125) Lab
1113 **(41893)** Barnett, N.
W 12:00pm-3:00pm (HJP 1105) Lab
1114 **(41894)** Barnett, N.
W 12:00pm-3:00pm (HJP 1125) Lab
1115 **(41895)** Barnett, N.
W 3:00pm-6:00pm (HJP 1105) Lab
1118 **(41898)** Barnett, N.
Th 12:30pm-3:30pm (HJP 1125) Lab
1121 **(41901)** Barnett, N.
Th 3:30pm-6:30pm (HJP 1125) Lab
1122 **(41902)** Barnett, N.
F 9:00am-12:00pm (HJP 1125) Lab

PBIO123 Causes and Implications of Global Change; (3) REG/P-F/AUD. CORE: PS *Also offered as GEOG 123, GEOL 123, and METO 123. Credit will be granted for only one of the following: PBIO 123, GEOG 123, GEOL 123, or METO 123. Formerly BOTN 123.*
0101 **(41912)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 9:00am-9:50am (EGR 0108) Dis
0102 **(41913)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 10:00am-10:50am (EGR 2112) Dis
0103 **(41914)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 11:00am-11:50am (EGR 3102) Dis
0104 **(41915)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 12:00pm-12:50pm (EGR 0104) Dis
0105 **(41916)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
F 1:00pm-1:50pm (EGR 0104) Dis
0106 **(41917)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 9:00am-9:50am (JMZ 0125) Dis
0107 **(41918)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 10:00am-10:50am (JMZ 0125) Dis
0108 **(41919)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 11:00am-11:50am (JMZ 1224) Dis
0109 **(41920)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 12:00pm-12:50pm (JMZ 0103) Dis
0110 **(41921)** Thompson, O.
MW 12:00pm-12:50pm (SKN 0200)
Th 1:00pm-1:50pm (JMZ 0103) Dis

PBIO235 Environmental Science; (3) REG/P-F/AUD. CORE: LS *Formerly BOTN 211.*
0101 **(41931)** Koines, P.
MW 9:00am-9:50am (HJP 0226)
F 9:00am-9:50am (PLS 1168) Dis
0103 **(41933)** Koines, P.
MW 9:00am-9:50am (HJP 0226)
F 11:00am-11:50am (PLS 1168) Dis
0104 **(41934)** Koines, P.
MW 9:00am-9:50am (HJP 0226)
F 10:00am-10:50am (PLS 1168) Dis
0105 **(41935)** Koines, P.
MW 9:00am-9:50am (HJP 0226)
Th 10:00am-10:50am (PLS 1172) Dis
0106 **(41936)** Koines, P.
MW 9:00am-9:50am (HJP 0226)
Th 11:00am-11:50am (PLS 1172) Dis

PBIO250 Plant Taxonomy; (4) REG/P-F. *Prerequisite: BIOL 105 or permission of department. Formerly BOTN 212.*
0101 **(41946)** Reveal, J.
MW 9:00am-9:50am (HJP 2242)
MW 10:00am-12:00pm (HJP 3104) Lab

PBIO255 Chesapeake: A Living Resource; (3) REG/P-F/AUD. CORE: LS *Credit will be granted for only one of the following: ZOOL 381 or PBIO 255.*
0101 **(41957)** Koines, P.
MWF 2:00pm-2:50pm (HJP 2242)

PBIO328 Selected Topics in Plant Biology; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO328A Selected Topics in Plant Biology: Mycotoxins: Their Identification, Occurrence and Control; (3) REG.
0101 **(41985)** Bean, G.
W 1:00pm-1:50pm (HJP 1216)
W 2:00pm-5:00pm (HJP 2113) Lab

PBIO379 *(PermReq)* **Honors Research Problems in Plant Biology; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

PBIO385 Plants of Economic Importance; (3) REG/P-F/AUD. *Recommended: {PBIO 100 or BIOL 105} or permission of department. Formerly BOTN 315.* Approved for advanced program for BGEN and PLNT majors, but not as a laboratory course.
0101 **(42013)** Barnett, N.
MWF 10:00am-10:50am (HJP 3127)

PBIO399 *(PermReq)* **Research Problems in Plant Biology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO400 Cell Biology; (4) REG/P-F. *Prerequisites: BIOL 222 and CHEM 233 and ZOOL 211. Also offered as ZOOL 411. Credit will be granted for only one of the following: PBIO 400 or ZOOL 411. Formerly BOTN 420.*
0101 **(42043)** Wolniak, S.
TuTh 8:00am-9:15am (PLS 1140)
Tu 1:00pm-5:00pm (PLS 1171) Lab
0102 **(42044)** Wolniak, S.
TuTh 8:00am-9:15am (PLS 1140)
W 1:00pm-5:00pm (PLS 1171) Lab
0103 **(42045)** Wolniak, S.
TuTh 8:00am-9:15am (PLS 1140)
Th 1:00pm-5:00pm (PLS 1171) Lab

PBIO405 Plant Genetics and Molecular Biology; (3) REG/P-F/AUD. *Prerequisite: BIOL 222. Junior standing. Formerly BOTN 414.*
0101 **(42055)** Straney, D.
MWF 3:00pm-3:50pm (HJP 2242)

PBIO440 Plant Ecology; (3) REG/P-F/AUD. *Prerequisite: BIOL 106. Formerly BOTN 462.*
0101 **(42065)** Wait, D.
TuTh 9:30am-10:45am (PLS 1140)

PBIO441 Plant Ecology Laboratory; (2) REG/P-F/AUD. *Pre- or corequisite: PBIO 440 or equivalent. Formerly BOTN 464.*
0101 **(42075)** Wait, D.
Tu 1:00pm-4:00pm (HJP 3127) Lab
0102 **(42076)** Forseth, I.
W 1:00pm-4:00pm (HJP 3127) Lab
0104 **(42078)** Forseth, I.
F 1:00pm-4:00pm (HJP 3127) Lab

PBIO450 Advanced Plant Taxonomy; (3) REG/P-F/AUD. *Prerequisites: PBIO 200; and PBIO 250, or equivalent. Formerly BOTN 405.*
0101 **(42088)** Reveal, J.
TuTh 2:00pm-2:50pm (HJP 3104)
F 1:00pm-4:00pm (HJP 3104) Lab

PBIO689 Advanced Topics in Plant Biology; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO698J Seminar in Plant Biology: Genetics; (1) REG/AUD.
0101 **(42116)** STAFF
Th 12:00pm-12:50pm (HJP 1216)

PBIO699A *(PermReq)* **Special Problems in Plant Biology: Cell Biology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699B *(PermReq)* **Special Problems in Plant Biology: Pathology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699C *(PermReq)* **Special Problems in Plant Biology: Physiology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699D *(PermReq)* **Special Problems in Plant Biology: Ecology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699E *(PermReq)* **Special Problems in Plant Biology: Mycology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699F *(PermReq)* **Special Problems in Plant Biology: Morphology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699J *(PermReq)* **Special Problems in Plant Biology: Genetics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699K Special Problems in Plant Biology: Molecular Systematics; (3) REG/AUD.
0801 **(42144)** Delwiche, C.
MWF 10:00am-10:50am (HJP 1229)

PBIO699L Special Problems in Plant Biology: Advanced Techniques in Cell Physiology; (2) REG/AUD.
0101 **(42154)** Gantt, E.
Th 1:00pm-1:50pm (HJP 2230)
Th 2:00pm-6:00pm (HJP 2230) Lab

PBIO699M Special Problems in Plant Biology: Plant Developmental Biology; (3) REG.
1601 **(42164)** Cooke, T.
Time and room to be arranged

PBIO699N *(PermReq)* **Special Problems in Plant Biology: Plant Systematics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699P *(PermReq)* **Special Problems in Plant Biology: Mycotoxicology; (3)** REG.
0101 **(42234)** Bean, G.
Time and room to be arranged
Time and room to be arranged Lab

PBIO780 *(PermReq)* **Plant Virology; (2)** REG/AUD. *Prerequisite: permission of both department and instructor. Formerly BOTN 632.*
0101 **(42176)** Culver, J.
MW 1:00pm-1:50pm (HJP 2230)

PBIO781 *(PermReq)* **Plant Virology Laboratory; (2)** REG/AUD. *Pre- or corequisite: PBIO 780 and permission of both department and instructor. Recommended: PBIO 365. Formerly BOTN 634.*
0101 **(42186)** Culver, J.
MW 2:00pm-3:50pm (HJP 2230) Lab

PBIO799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

PBIO899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

PHIL Philosophy
(Arts and Humanities)

PHIL100 Introduction to Philosophy; (3) REG/P-F/AUD. CORE: HO
0101 **(42283)** Kerstein, S.
MW 11:00am-11:50am (LEF 2205)
F 10:00am-10:50am (HBK 0103) Dis
0102 **(42284)** Kerstein, S.
MW 11:00am-11:50am (LEF 2205)
F 10:00am-10:50am (ARM 0116) Dis
0103 **(42285)** Kerstein, S.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (TYD 0101) Dis
0104 **(42286)** Kerstein, S.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (ARM 0116) Dis
0105 **(42287)** Kerstein, S.
MW 11:00am-11:50am (LEF 2205)
F 1:00pm-1:50pm (ARM 0103) Dis
0106 **(42288)** Kerstein, S.
MW 11:00am-11:50am (LEF 2205)
F 1:00pm-1:50pm (ARM 0101) Dis
0201 **(42289)** STAFF
MWF 10:00am-10:50am (ARM 0112)
0301 **(42290)** STAFF
TuTh 9:30am-10:45am (HBK 0109)

PHIL140 Contemporary Moral Issues; (3) REG/P-F/AUD. CORE: HO
0101 **(42310)** Washington, C.
TuTh 2:00pm-2:50pm (ARM 0135)
F 10:00am-10:50am (SQH 1107) Dis
0102 **(42311)** Washington, C.
TuTh 2:00pm-2:50pm (ARM 0135)
F 10:00am-10:50am (TYD 2108) Dis
0103 **(42312)** Washington, C.
TuTh 2:00pm-2:50pm (ARM 0135)
F 12:00pm-12:50pm (JRN 1104) Dis
0104 **(42313)** Washington, C.
TuTh 2:00pm-2:50pm (ARM 0135)
F 12:00pm-12:50pm (JRN 1105) Dis
0105 **(42314)** Washington, C.
TuTh 2:00pm-2:50pm (ARM 0135)
F 1:00pm-1:50pm (ARM 0110) Dis
0106 **(42315)** Washington, C.
TuTh 2:00pm-2:50pm (ARM 0135)
F 1:00pm-1:50pm (TYD 1108) Dis
0107 **(42316)** Washington, C.
TuTh 2:00pm-2:50pm (ARM 0135)
F 10:00am-10:50am (WDS 1131) Dis
0108 **(42317)** Washington, C.
TuTh 2:00pm-2:50pm (ARM 0135)
F 12:00pm-12:50pm (WDS 0104) Dis
0109 **(42318)** Washington, C.
TuTh 2:00pm-2:50pm (ARM 0135)
F 1:00pm-1:50pm (WDS 1131) Dis
0301 **(42319)** Brown, J.
TuTh 10:00am-10:50am (JMZ 0220)
M 9:00am-9:50am (TYD 2110) Dis
0302 **(42320)** Brown, J.
TuTh 10:00am-10:50am (JMZ 0220)
M 10:00am-10:50am (WDS 1127) Dis
0303 **(42321)** Brown, J.
TuTh 10:00am-10:50am (JMZ 0220)
M 12:00pm-12:50pm (LEF 1220) Dis

A note about PHIL 1~0, PHIL 1~3, PHIL 1~4, PHIL 2~1, and PHIL 2~3: PHIL 1~0 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 1~3 and 1~4 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 2~1 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. PHIL 2~3 emphasizes the relationship of logic to traditional philosophical problems. All five courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; (3) REG/P-F/AUD.
0101 **(42331)** Stairs, A.
TuTh 11:00am-11:50am (SHM 2101)
M 10:00am-10:50am (WDS 1131) Dis
0102 **(42332)** Stairs, A.
TuTh 11:00am-11:50am (SHM 2101)
M 12:00pm-12:50pm (WDS 1130) Dis
0103 **(42333)** Stairs, A.
TuTh 11:00am-11:50am (SHM 2101)
M 1:00pm-1:50pm (PLS 1119) Dis
0201 **(42334)** Horty, J.
TuTh 2:00pm-2:50pm (MCB 1207)
M 9:00am-9:50am (ARM 0105) Dis
0202 **(42335)** Horty, J.
TuTh 2:00pm-2:50pm (MCB 1207)
M 11:00am-11:50am (ARM 0117) Dis
0203 **(42336)** Horty, J.
TuTh 2:00pm-2:50pm (MCB 1207)
M 12:00pm-12:50pm (ARM 0116) Dis

PHIL173 Logic and the English Language I; (3) REG.
0101 **(42346)** Pasch, A.
MWF 10:00am-10:50am (SKN 0104)

PHIL209H Philosophical Issues: The Political Philosophy of Virtue Ethics; (3) REG/P-F/AUD. CORE: HO For general honors students only.
0101 **(42356)** Slote, M.
TuTh 11:00am-12:15pm (SKN 1116)

PHIL209M Honors Seminar: Free Will, Determinism, and Moral Responsibility in Western Thought; (3) REG/P-F/AUD. CORE: HO
0101 **(42366)** Manekin, C.
MW 12:30pm-1:45pm (SKN 1116)

PHIL234 Fundamental Concepts of Judaism; (3) REG/P-F/AUD. CORE: HO *Also offered as JWST 250. Not open to students who have completed JWST 250. Credit will be granted for only one of the following: PHIL 234 or JWST 250.*
0101 **(42376)** Manekin, C.
MW 2:00pm-3:15pm (LEF 2166)

PHIL236 Philosophy of Religion; (3) REG/P-F/AUD.
0101 **(42386)** Martin, R.
WF 2:00pm-3:15pm (JMZ 3205)

PHIL250 Philosophy of Science I; (3) REG/AUD. CORE: HO
0101 **(42396)** Suppe, F.
TuTh 12:30pm-1:45pm (SKN 1115)

PHIL256 Philosophy of Biology I; (3) REG/AUD. CORE: HO
0101 **(42406)** Darden, L.
TuTh 2:00pm-3:15pm (SKN 0104)

PHIL271 Symbolic Logic I; (3) REG/AUD. CORE: MS *Formerly PHIL 371.*
0101 **(42416)** Svenonius, L.
MWF 10:00am-10:50am (SKN 1115)

PHIL273 Logic for Philosophy; (3) REG/P-F/AUD.
0101 **(42426)** Rey, G.
TuTh 12:30pm-1:45pm (WDS 1127)

PHIL280 Introduction to Cognitive Science; (3) REG/P-F/AUD. CORE: SB
0101 **(42436)** Morreau, M.
TuTh 12:30pm-1:45pm (WDS 0104)

PHIL308M Studies in Contemporary Philosophy: Magic, Religion and Science; (3) REG/P-F/AUD.
0101 **(42446)** Stairs, A.
TuTh 2:00pm-3:15pm (SKN 1115)

PHIL310 Ancient Philosophy; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy or classics.*
0101 **(42456)** Celarier, J.
MWF 11:00am-11:50am (SKN 1112)

PHIL320 Modern Philosophy; (3) REG/AUD. *Prerequisite: six credits in philosophy.*
0101 **(42466)** Martin, R.
WF 12:30pm-1:45pm (DNC 1147A)

PHIL326 Twentieth Century Analytic Philosophy; (3) REG/AUD. *Prerequisite: six credits in philosophy. Recommended: PHIL 320.*
0101 **(42476)** Odell, S.
MW 2:00pm-3:15pm (SKN 1112)

PHIL331 Philosophy of Art; (3) REG/P-F/AUD. *Prerequisite: one course in philosophy or two courses in the creative arts.*
0101 **(42486)** Giovannelli, A.
TuTh 9:30am-10:45am (HBK 0125)

PHIL341 Introduction to Ethical Theory; (3) REG/AUD. *Prerequisite: one course in PHIL. Not open to students who have completed PHIL 142. Formerly PHIL 142.*
0101 **(42496)** Greenspan, P.
MW 2:00pm-3:15pm (SKN 0104)

PHIL342 Moral Problems in Medicine; (3) REG/P-F/AUD. *Prerequisite: PHIL 100, PHIL 140, or permission of department.*
0101 **(42506)** Wachbroit, R.
TuTh 9:30am-10:45am (SKN 0104)

PHIL360 Philosophy of Language; (3) REG/P-F/AUD. *Prerequisite: PHIL 1~0, PHIL 1~3, or PHIL 2~1.*
0101 **(42516)** Devitt, M.
TuTh 12:30pm-1:45pm (WDS 1131)

PHIL386 *(PermReq)* **Experiential Learning; (6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Consult Director of Undergraduate Studies: A. Stairs. Prerequisites: 12 credit hours of philosophy and 3.0 GPA. Carries no credit toward philosophy major.

PHIL408K Topics in Contemporary Philosophy: Moral Sentiments; (3) REG/AUD.
0101 **(42527)** Greenspan, P.
MW 11:00am-12:15pm (SKN 1116)

PHIL428M Topics in the History of Philosophy: Kant's Moral Philosophy; (3) REG/P-F/AUD.
0101 **(42537)** Kerstein, S.
MW 2:00pm-3:15pm (JMZ 2120)

PHIL451 Scientific Thought II; (3) REG/P-F/AUD. *Prerequisite: one course in philosophy or a major in science.*
0101 **(42547)** Wallace, W.
TuTh 12:30pm-1:45pm (SKN 1116)

PHIL458F Topics in the Philosophy of Science: History of Modern Biology; (3) REG/P-F/AUD.
0101 **(42567)** Darden, L.
Tu 5:00pm-7:30pm (KEY 0116)

PHIL461 Theory of Meaning; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy.*
0101 **(42577)** Odell, S.
MW 12:00pm-1:15pm (SKN 1112)

PHIL471 Symbolic Logic II; (3) REG/P-F/AUD. *Prerequisite: PHIL 2~1 or permission of department.*
0101 **(42587)** Svenonius, L.
MWF 1:00pm-1:50pm (SKN 1115)

PHIL485 Philosophy of Neuroscience; (3) REG/AUD. *Prerequisite: (PHIL 250, or PHIL 380, or PHIL 455, or PHIL 456) or permission of department.*
0101 **(42597)** Cherniak, C.
TuTh 2:00pm-3:15pm (SKN 1116)

PHIL488B Topics in Philosophy of Cognitive Studies: Insect Cognition and Communication; (3) REG/P-F/AUD.
0101 **(42607)** Washington, C.
TuTh 11:00am-12:15pm (SKN 1112)

PHIL498F *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL498G *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688F *(PermReq)* **Selected Problems in Philosophy; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688G *(PermReq)* **Selected Problems in Philosophy; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688J Selected Problems in Philosophy: Theory of Meaning; (3) REG/AUD.
0101 **(42705)** Odell, S.
MW 12:00pm-1:15pm (SKN 1112)

PHIL688K Selected Problems in Philosophy: Moral Sentiments; (3) REG/AUD.
0101 **(42715)** Greenspan, P.
MW 11:00am-12:15pm (SKN 1116)

PHIL688L Selected Problems in Philosophy: Symbolic Logic II; (3) REG/AUD.
0101 **(42725)** Svenonius, L.
MWF 1:00pm-1:50pm (SKN 1115)

PHIL688M Selected Problems in Philosophy: Kant's Moral Philosophy; (3) REG/AUD.
0101 **(42735)** Kerstein, S.
MW 2:00pm-3:15pm (KEY 0124)

PHIL688N Selected Problems in Philosophy: Philosophy of Neuroscience; (3) REG/AUD.
0101 **(42745)** Cherniak, C.
TuTh 2:00pm-3:15pm (SKN 1116)

PHIL688S Selected Problems in Philosophy: Current Research in History of Philosophy and Science; (1) REG/AUD.
0101 **(42755)** Brush, S.
Th 3:00pm-3:50pm (ZOP 1234)

PHIL688T Selected Problems in Philosophy: Twentieth Century Analytic Philosophy; (3) REG/AUD.
0101 **(42765)** Odell, S.
MW 2:00pm-3:15pm (SKN 1112)

PHIL688V Selected Problems in Philosophy: Modeling; (3) REG/AUD.
0101 **(42775)** Suppe, F.
Tu 8:00pm-10:00pm (SKN 1116)
Time and room to be arranged Dis

PHIL688W Selected Problems in Philosophy: Insect Cognition and Communication; (3) REG/AUD.
0101 **(42785)** Washington, C.
TuTh 11:00am-12:15pm (SKN 1112)

PHIL788G *(PermReq)* **Research in Philosophy; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL788I *(PermReq)* **Research in Philosophy; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHIL848 Seminar in Ethics: Moral Realism; (3) REG/AUD.
0101 **(42861)** Devitt, M.
Tu 5:00pm-7:30pm (SKN 1116)

PHIL858Q Seminar in Logic and Philosophy of Sciences: The Interpretation of Quantum Mechanics; (3) REG/AUD.
0101 **(42871)** Bub, J.
Time and room to be arranged

PHIL879 Seminar in Philosophy and Cognitive Studies: Concepts; (3) REG/AUD.
0101 **(42881)** Rey, G.
M 7:00pm-9:30pm (SKN 1116)

PHIL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHYS Physics
(Computer, Mathematical and Physical Sciences)

PHYS102 Physics of Music; (3) REG/P-F/AUD. *Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Sciences Laboratory Course when taken concurrently with PHYS 103. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PHYS 103, course may be counted as USP Distributive Studies Area B Lab Science Course. Credit cannot be received for both PHYS 102 and PHYS 499C.
0101 **(42962)** STAFF
TuTh 9:30am-10:45am (PHY 1410)

PHYS103 Physics of Music Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken concurrently with PHYS 102.
0101 **(42972)** STAFF
Th 11:00am-12:50pm (PHY 3213) Lab
0201 **(42973)** Berg, R.
Th 1:00pm-2:50pm (PHY 3213) Lab
0301 **(42974)** STAFF
Th 3:30pm-5:20pm (PHY 3213) Lab
0401 **(42975)** STAFF
F 10:00am-11:50am (PHY 3213) Lab
0501 **(42976)** STAFF
F 12:00pm-1:50pm (PHY 3213) Lab

PHYS106 Light, Perception, Photography, and Visual Phenomena; (3) REG/P-F/AUD. *Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken with PHYS 107. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PHYS 107, course may be counted USP Distributive Studies Area B Lab Science Course.
0101 **(42986)** Einstein, T.
MWF 2:00pm-2:50pm (PHY 1412)

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken with PHYS 106.
0101 **(42996)** STAFF
M 3:00pm-4:50pm (PHY 3214) Lab
0201 **(42997)** STAFF
Tu 9:00am-10:50am (PHY 3214) Lab
0301 **(42998)** Eno, S.
Tu 11:00am-12:50pm (PHY 3214) Lab
0401 **(42999)** STAFF
Tu 1:00pm-2:50pm (PHY 3214) Lab
0501 **(43000)** STAFF
W 11:00am-12:50pm (PHY 3214) Lab
0601 **(43001)** STAFF
W 3:00pm-4:50pm (PHY 3214) Lab
0701 **(43002)** STAFF
Th 3:00pm-4:50pm (PHY 3214) Lab

PHYS111 Physics in the Modern World; (3) REG/P-F/AUD. CORE: PS
0101 **(43012)** Alley, C.
MWF 9:00am-9:50am (PHY 1410)

PHYS117 Introduction to Physics; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: qualification to enter MATH 110.*
0101 **(43022)** Sullivan, G.
MTuW 2:00pm-3:50pm (PHY 3316)
MTuW 2:00pm-3:50pm (PHY 3316) Lab
0202 **(43023)** Chen, H.
MWF 9:00am-9:50am (PHY 1219)
MWF 9:00am-9:50am (PHY 1221)
Th 9:00am-10:50am (PHY 3316) Lab
0203 **(43024)** Chen, H.
MWF 9:00am-9:50am (PHY 1219)
MWF 9:00am-9:50am (PHY 1221)
W 4:00pm-5:50pm (PHY 3316) Lab

PHYS117A Introduction to Physics; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: qualification to enter MATH 110.* Intended for Elementary Education majors only
0101 **(43034)** Sullivan, G.
MTuW 2:00pm-3:50pm (PHY 3316)
MTuW 2:00pm-3:50pm (PHY 3316) Lab
0201 **(43035)** Layman, J.
MWF 9:00am-10:50am (PHY 3316)
MWF 9:00am-10:50am (PHY 3316) Lab

PHYS121 Fundamentals of Physics I; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: previous course work in trigonometry or MATH 115.* Physics Clinic, PHY 1214, MTWHF 12,2.
0101 **(43045)** Chant, N.
TuTh 11:00am-12:15pm (PHY 1410)
Th 9:00am-10:50am (PHY 3306) Lab
Th 8:00am-8:50am (PHY 0405) Dis
0102 **(43046)** Chant, N.
TuTh 11:00am-12:15pm (PHY 1410)
Tu 9:00am-10:50am (PHY 3306) Lab
Tu 8:00am-8:50am (PHY 0405) Dis
0103 **(43047)** Chant, N.
TuTh 11:00am-12:15pm (PHY 1410)
Th 2:00pm-3:50pm (PHY 3306) Lab
Th 1:00pm-1:50pm (PHY 1219) Dis
0104 **(43048)** Chant, N.
TuTh 11:00am-12:15pm (PHY 1410)
M 1:00pm-2:50pm (PHY 3306) Lab
M 12:00pm-12:50pm (PHY 1219) Dis
0105 **(43049)** Chant, N.
TuTh 11:00am-12:15pm (PHY 1410)
W 12:00pm-1:50pm (PHY 3306) Lab
W 11:00am-11:50am (PHY 4220) Dis
0106 **(43050)** Chant, N.
TuTh 11:00am-12:15pm (PHY 1410)
M 9:00am-10:50am (PHY 3306) Lab
M 8:00am-8:50am (PHY 1402) Dis
0201 **(43051)** Anlage, S.
MWF 1:00pm-1:50pm (PHY 1410)
W 10:00am-11:50am (PHY 3306) Lab
W 9:00am-9:50am (PHY 0405) Dis
0202 **(43052)** Anlage, S.
MWF 1:00pm-1:50pm (PHY 1410)
W 3:00pm-4:50pm (PHY 3306) Lab
W 2:00pm-2:50pm (PHY 4220) Dis
0203 **(43053)** Anlage, S.
MWF 1:00pm-1:50pm (PHY 1410)
M 3:00pm-4:50pm (PHY 3306) Lab
M 2:00pm-2:50pm (PHY 1221) Dis
0204 **(43054)** Anlage, S.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 3:00pm-4:50pm (PHY 3306) Lab
Tu 2:00pm-2:50pm (PHY 1221) Dis
0301 **(43055)** Liu, C.
MWF 3:00pm-3:50pm (PHY 1410)
M 11:00am-12:50pm (PHY 3306) Lab
M 10:00am-10:50am (PHY 1221) Dis
0302 **(43056)** Liu, C.
MWF 3:00pm-3:50pm (PHY 1410)
Tu 11:00am-12:50pm (PHY 3306) Lab
Tu 10:00am-10:50am (PHY 1221) Dis
0303 **(43057)** Liu, C.
MWF 3:00pm-3:50pm (PHY 1410)
Tu 1:00pm-2:50pm (PHY 3306) Lab
Tu 12:00pm-12:50pm (PHY 1221) Dis
0304 **(43058)** Liu, C.
MWF 3:00pm-3:50pm (PHY 1410)
Th 12:00pm-1:50pm (PHY 3306) Lab
Th 11:00am-11:50am (PHY 1221) Dis

PHYS122 Fundamentals of Physics II; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: PHYS 121 or equivalent.* Physics Clinic, PHY 1214, MTWHF 11,2.
0101 **(43068)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1412)
M 12:00pm-1:50pm (PHY 3312) Lab
M 11:00am-11:50am (PHY 4220) Dis
0102 **(43069)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1412)
W 12:00pm-1:50pm (PHY 3312) Lab
W 11:00am-11:50am (PHY 1221) Dis
0103 **(43070)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1412)
Tu 12:00pm-1:50pm (PHY 3312) Lab
Tu 11:00am-11:50am (PHY 1221) Dis
0104 **(43071)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1412)
Tu 2:00pm-3:50pm (PHY 3312) Lab
Tu 1:00pm-1:50pm (PHY 1221) Dis
0105 **(43072)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1412)
W 3:00pm-4:50pm (PHY 3312) Lab
W 2:00pm-2:50pm (PHY 1221) Dis
0106 **(43073)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1412)
Th 10:00am-11:50am (PHY 3312) Lab
Th 9:00am-9:50am (PHY 1221) Dis
0201 **(43074)** Sucher, J.
TuTh 12:30pm-1:45pm (PHY 1412)
Tu 10:00am-11:50am (PHY 3312) Lab
Tu 9:00am-9:50am (PHY 1221) Dis
0202 **(43075)** Sucher, J.
TuTh 12:30pm-1:45pm (PHY 1412)
Th 2:00pm-3:50pm (PHY 3312) Lab
Tu 3:00pm-3:50pm (PHY 4208) Dis
0203 **(43076)** Sucher, J.
TuTh 12:30pm-1:45pm (PHY 1412)
M 4:00pm-5:50pm (PHY 3312) Lab
M 3:00pm-3:50pm (PHY 1221) Dis
0204 **(43077)** Sucher, J.
TuTh 12:30pm-1:45pm (PHY 1412)
W 9:00am-10:50am (PHY 3312) Lab
W 8:00am-8:50am (PHY 1402) Dis
0205 **(43078)** Sucher, J.
TuTh 12:30pm-1:45pm (PHY 1412)
Th 8:00am-9:50am (PHY 3312) Lab
Tu 9:00am-9:50am (PHY 4220) Dis
0206 **(43079)** Sucher, J.
TuTh 12:30pm-1:45pm (PHY 1412)
M 10:00am-11:50am (PHY 3312) Lab
Tu 2:00pm-2:50pm (PHY 4208) Dis
0401 **(43080)** STAFF
MWF 10:00am-10:50am (PHY 1219)
M 2:00pm-3:50pm (PHY 3312) Lab
M 1:00pm-1:50pm (PHY 4220) Dis
0502 **(43081)** Dragt, A.
Tu 6:00pm-6:50pm (PHY 1412)
Th 6:00pm-7:50pm (PHY 1412)
Th 8:00pm-9:50pm (PHY 3312) Lab
Tu 7:00pm-7:50pm (PHY 1219) Dis
0503 **(43082)** Dragt, A.
Tu 6:00pm-6:50pm (PHY 1412)
Th 6:00pm-7:50pm (PHY 1412)
Tu 4:00pm-5:50pm (PHY 3312) Lab
Tu 3:00pm-3:50pm (PHY 1402) Dis
0601 **(43083)** Kim, Y.
TuTh 12:30pm-1:45pm (PHY 4208)
Th 4:00pm-5:50pm (PHY 3312) Lab
Th 3:00pm-3:50pm (PHY 1221) Dis

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8101 **(*****)** Dragt, A.
Tu 6:00pm-6:50pm (PHY 1412)
Th 6:00pm-7:50pm (PHY 1412)
Th 8:00pm-9:50pm (PHY 3312) Lab
Tu 7:00pm-7:50pm (PHY 1219) Dis

Section 8101 is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccaluareate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu.

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PHYS141 Principles of Physics; (4) REG/P-F/AUD. CORE: PL. *Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics Clinic, PHY 1214, MTWHF 2.
0102 **(43094)** Gates, S.
MWF 3:00pm-3:50pm (PHY 0405)
Th 2:00pm-3:50pm (PHY 3314) Lab
Th 1:00pm-1:50pm (PHY 1221) Dis
0104 **(43095)** Gates, S.
MWF 3:00pm-3:50pm (PHY 0405)
Th 11:00am-12:50pm (PHY 3314) Lab
F 2:00pm-2:50pm (PHY 1219) Dis

PHYS142 Principles of Physics; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: PHYS 141 or equivalent. Credit will be granted for only one of the following: PHYS 142, PHYS 262, PHYS 272, or former PHYS 192.* Physics Clinic, PHY 1214, MTWHF 10,12.
0101 **(43105)** Rosenberg, T.
MWF 11:00am-11:50am (PHY 1410)
M 1:00pm-2:50pm (PHY 3310) Lab
M 12:00pm-12:50pm (PHY 0405) Dis
0102 **(43106)** Rosenberg, T.
MWF 11:00am-11:50am (PHY 1410)
M 3:00pm-4:50pm (PHY 3310) Lab
M 2:00pm-2:50pm (PHY 1402) Dis
0103 **(43107)** Rosenberg, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 9:00am-10:50am (PHY 3310) Lab
Tu 8:00am-8:50am (PHY 4220) Dis
0104 **(43108)** Rosenberg, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 3:00pm-4:50pm (PHY 3310) Lab
Tu 2:00pm-2:50pm (PHY 1219) Dis

PHYS161 General Physics: Mechanics and Particle Dynamics; (3) REG/P-F/AUD. CORE: PS *Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics Clinic, PHY 1214, MTWHF 11, 1, 2.
0201 **(43118)** Wellstood, F.
MWF 12:00pm-12:50pm (PHY 1412)
Tu 1:00pm-1:50pm (PHY 0220) Dis
0202 **(43119)** Wellstood, F.
MWF 12:00pm-12:50pm (PHY 1412)
Tu 2:00pm-2:50pm (PHY 0220) Dis
0203 **(43120)** Wellstood, F.
MWF 12:00pm-12:50pm (PHY 1412)
Th 2:00pm-2:50pm (PHY 0220) Dis
0204 **(43121)** Wellstood, F.
MWF 12:00pm-12:50pm (PHY 1412)
Th 3:00pm-3:50pm (PHY 0220) Dis
0205 **(43122)** Wellstood, F.
MWF 12:00pm-12:50pm (PHY 1412)
F 8:00am-8:50am (PHY 0220) Dis
0206 **(43123)** Wellstood, F.
MWF 12:00pm-12:50pm (PHY 1412)
F 9:00am-9:50am (PHY 0220) Dis
0301 **(43124)** Paik, H.
MWF 2:00pm-2:50pm (PHY 1410)
Tu 3:00pm-3:50pm (PHY 0220) Dis
0302 **(43125)** Paik, H.
MWF 2:00pm-2:50pm (PHY 1410)
Tu 4:00pm-4:50pm (PHY 0220) Dis
0305 **(43127)** Paik, H.
MWF 2:00pm-2:50pm (PHY 1410)
F 10:00am-10:50am (PHY 0220) Dis
0306 **(43128)** Paik, H.
MWF 2:00pm-2:50pm (PHY 1410)
F 11:00am-11:50am (PHY 0220) Dis
0401 **(43129)** Prange, R.
M 7:00pm-8:50pm (PHY 0405)
W 7:00pm-7:50pm (PHY 0405)
W 8:00pm-8:50pm (PHY 0405) Dis
0402 **(43130)** Prange, R.
M 7:00pm-8:50pm (PHY 0405)
W 7:00pm-7:50pm (PHY 0405)
W 6:00pm-6:50pm (PHY 1402) Dis

PHYS170 Professional Physics Seminar; (1) REG/P-F/AUD. *Corequisite: MATH 140. Recommended: high school physics.*
0101 **(43140)** STAFF,
W 2:00pm-2:50pm (PHY 0405)

PHYS171 Introductory Physics: Mechanics and Relativity; (3) REG/P-F/AUD. CORE: PS *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.*
0101 **(43150)** Misner, C.
MTuThF 10:00am-10:50am (PHY 0405)

PHYS171H *(PermReq)* **Introductory Physics: Mechanics and Relativity; (3)** REG/P-F/AUD. CORE: PS *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* For general honors students only
0101 **(43160)** Misner, C.
MTuThF 10:00am-10:50am (PHY 0405)

PHYS174 Physics Laboratory Introduction; (1) REG/P-F/AUD. *Corequisite: MATH 140. Recommended: high school physics.*
0101 **(43170)** Goodman, J.
W 9:00am-10:50am (PHY 3112)
0201 **(43171)** Goodman, J.
W 3:00pm-4:50pm (PHY 3112)

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* Physics Clinic, PHY 1214, MTWHF 11, 1.
0201 **(43181)** Chang, C.
MWF 10:00am-10:50am (PHY 1410)
Tu 8:00am-8:50am (PHY 1219) Dis
0203 **(43182)** Chang, C.
MWF 10:00am-10:50am (PHY 1410)
Tu 10:00am-10:50am (PHY 1402) Dis
0204 **(43183)** Chang, C.
MWF 10:00am-10:50am (PHY 1410)
W 11:00am-11:50am (PHY 0405) Dis
0205 **(43184)** Chang, C.
MWF 10:00am-10:50am (PHY 1410)
W 12:00pm-12:50pm (MTH 0302) Dis
0301 **(43185)** Skuja, A.
TuTh 12:30pm-1:45pm (PHY 1410)
Tu 11:00am-11:50am (PHY 1219) Dis
0302 **(43186)** Skuja, A.
TuTh 12:30pm-1:45pm (PHY 1410)
W 8:00am-8:50am (PHY 0405) Dis
0303 **(43187)** Skuja, A.
TuTh 12:30pm-1:45pm (PHY 1410)
W 9:00am-9:50am (CHE 2136) Dis
0304 **(43188)** Skuja, A.
TuTh 12:30pm-1:45pm (PHY 1410)
W 10:00am-10:50am (PHY 1221) Dis

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (No credit) NGL. Laboratory for PHYS 262.
0103 **(43198)** Currie, D.
M 12:00pm-2:50pm (PHY 3219) Lab
0104 **(43199)** Currie, D.
M 3:00pm-5:50pm (PHY 3219) Lab
0105 **(43200)** Currie, D.
Tu 1:00pm-3:50pm (PHY 3219) Lab
0110 **(43201)** Currie, D.
Tu 4:00pm-6:50pm (PHY 3219) Lab
0113 **(43202)** Currie, D.
W 11:00am-1:50pm (PHY 3219) Lab
0114 **(43203)** Currie, D.
W 2:00pm-4:50pm (PHY 3219) Lab
0117 **(43204)** Currie, D.
Th 12:00pm-2:50pm (PHY 3219) Lab
0118 **(43205)** Currie, D.
Th 3:00pm-5:50pm (PHY 3219) Lab

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* Physics Clinic, PHY 1214, MTWHF 10, 12, 2.
0101 **(43215)** Greenberg, O.
MWF 1:00pm-1:50pm (PHY 1412)
W 2:00pm-2:50pm (PHY 0208) Dis
0104 **(43216)** Greenberg, O.
MWF 1:00pm-1:50pm (PHY 1412)
W 3:00pm-3:50pm (PHY 0208) Dis
0105 **(43217)** Greenberg, O.
MWF 1:00pm-1:50pm (PHY 1412)
Th 8:00am-8:50am (PHY 0208) Dis
0301 **(43218)** Woo, C.
TuTh 2:00pm-3:15pm (PHY 1412)
W 12:00pm-12:50pm (PHY 0208) Dis
0302 **(43219)** Woo, C.
TuTh 2:00pm-3:15pm (PHY 1412)
Th 9:00am-9:50am (PHY 0208) Dis
0303 **(43220)** Woo, C.
TuTh 2:00pm-3:15pm (PHY 1412)
Th 10:00am-10:50am (PHY 0208) Dis
0304 **(43221)** Woo, C.
TuTh 2:00pm-3:15pm (PHY 1412)
Th 11:00am-11:50am (PHY 0208) Dis
0305 **(43222)** Woo, C.
TuTh 2:00pm-3:15pm (PHY 1412)
Th 12:00pm-12:50pm (PHY 0208) Dis
0306 **(43223)** Woo, C.
TuTh 2:00pm-3:15pm (PHY 1412)
W 1:00pm-1:50pm (PHY 0208) Dis

(PHYS263 cont'd)

0401 **(43224)** Ramesh, R.
M 7:00pm-8:50pm (PHY 1410)
W 7:00pm-7:50pm (PHY 1410)
W 8:00pm-8:50pm (PHY 4208) Dis
0402 **(43225)** Ramesh, R.
M 7:00pm-8:50pm (PHY 1410)
W 7:00pm-7:50pm (PHY 1410)
W 6:00pm-6:50pm (PHY 4220) Dis

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (No credit) NGI. Laboratory for PHYS 263.
0102 **(43235)** Currie, D.
M 9:00am-11:50am (PHY 3220) Lab
0103 **(43236)** Currie, D.
M 12:00pm-2:50pm (PHY 3220) Lab
0104 **(43237)** Currie, D.
M 3:00pm-5:50pm (PHY 3220) Lab
0105 **(43238)** Currie, D.
Tu 8:00am-10:50am (PHY 3220) Lab
0107 **(43239)** Currie, D.
Tu 11:00am-1:50pm (PHY 3220) Lab
0108 **(43240)** Currie, D.
Tu 4:00pm-6:50pm (PHY 3220) Lab
0110 **(43241)** Currie, D.
W 8:00am-10:50am (PHY 3220) Lab
0111 **(43242)** Currie, D.
W 11:00am-1:50pm (PHY 3220) Lab
0112 **(43243)** Currie, D.
W 2:00pm-4:50pm (PHY 3220) Lab
0114 **(43244)** Currie, D.
Th 9:00am-11:50am (PHY 3220) Lab
0116 **(43245)** Currie, D.
Th 1:00pm-3:50pm (PHY 3220) Lab
0120 **(43246)** Currie, D.
Th 7:00pm-9:50pm (PHY 3220) Lab

PHYS263H *(PermReq)* **General Physics: Electrodynamics, Light, Relativity and Modern Physics; (4)** REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 2~3 and PHYS 263 or former PHYS 293.* For general honors students only. Clinic - M and Z Slawsky, arranged PHY 1214.
0101 **(43256)** Greenberg, O.
MWF 1:00pm-1:50pm (PHY 1412)
W 4:00pm-4:50pm (PHY 0220) Dis
0301 **(43257)** Woo, C.
TuTh 2:00pm-3:15pm (PHY 1412)
W 4:00pm-4:50pm (PHY 0220) Dis

PHYS272 Introductory Physics: Fields; (3) REG/P-F/AUD. *Prerequisites: (PHYS 1~1 or PHYS 161) and MATH 141. Corequisite: MATH 241. Credit will be granted for only one of the following: PHYS 2~2 or PHYS 262 or PHYS 142.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken concurrently with PHYS 275. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PHYS 275, course may be counted as USP Distributive Studies Area B Course Lab Science Course.
0101 **(43267)** Hamilton, D.
TuTh 12:30pm-1:45pm (PHY 0405)
F 12:00pm-12:50pm (PHY 0405)

PHYS272H *(PermReq)* **Introductory Physics: Fields; (3)** REG/P-F/AUD. *Prerequisites: (PHYS 1~1 or PHYS 161) and MATH 141. Corequisite: MATH 241. Credit will be granted for only one of the following: PHYS 2~2 or PHYS 262 or PHYS 142.* For general honors students only.
0101 **(43277)** Hamilton, D.
TuTh 12:30pm-1:45pm (PHY 0405)
F 12:00pm-12:50pm (PHY 0405)

PHYS273 Introductory Physics: Waves; (3) REG/P-F/AUD. *Prerequisites: PHYS 2~2, and MATH 241. Corequisites: MATH 246 or MATH 414. Credit will be granted for only one of the following: PHYS 2~3 or PHYS 263.* USP Distributive Studies Area B Natural Sciences and Mathematics Lab Science Course when taken with PHYS 276.
0101 **(43287)** Cohen, T.
MF 9:00am-9:50am (PHY 0405)
TuTh 9:00am-9:50am (PHY 0405)

PHYS273H *(PermReq)* **Introductory Physics: Waves; (3)** REG/P-F/AUD. *Prerequisites: PHYS 2~2, and MATH 241. Corequisites: MATH 246 or MATH 414. Credit will be granted for only one of the following: PHYS 2~3 or PHYS 263.* For general honors students only.
0101 **(43297)** Cohen, T.
MF 9:00am-9:50am (PHY 0405)
TuTh 9:00am-9:50am (PHY 0405)

PHYS275 *(PermReq)* **Experimental Physics I: Mechanics, Heat and Fields; (2)** REG/P-F/AUD. *Prerequisites: (PHYS 1~1 or PHYS 161) and PHYS 1~4. Corequisite: PHYS 2~2.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken concurrently with PHYS 272.
0201 **(43307)** Roos, P.
M 1:00pm-4:50pm (PHY 3203) Lab
0301 **(43308)** Roos, P.
Tu 2:00pm-5:50pm (PHY 3203) Lab

PHYS276 Experimental Physics II: Electricity and Magnetism; (2) REG/P-F/AUD. *Prerequisites: PHYS 2~2 and PHYS 2~5. Credit will be granted for only one of the following: PHYS 2~6 or former PHYS 295.*
0101 **(43318)** Hadley, N.
M 1:00pm-4:50pm (PHY 3211)
0201 **(43319)** Hadley, N.
Tu 1:00pm-4:50pm (PHY 3211)

PHYS299 *(PermReq)* **Special Problems in Physics; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS305 Physics Shop Techniques; (1) REG/P-F/AUD. *Prerequisite: PHYS 395 or permission of department.*
0101 **(43445)** Giddings, M.
Th 9:00am-12:00pm (PHY 0125) Lab
0201 **(43446)** Giddings, M.
Tu 9:00am-12:00pm (PHY 0125) Lab

PHYS374 Intermediate Theoretical Methods; (4) REG/P-F/AUD. *Prerequisites: PHYS 2~3 and MATH 246. Corequisite: MATH 249.*
0101 **(43456)** Lathrop, D.
MF 10:00am-10:50am (PHY 1402)
W 9:00am-10:50am (PHY 1402)

PHYS375 *(PermReq)* **Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; (2)** REG/P-F/AUD. *Prerequisites: PHYS 2~3 and PHYS 2~6. Credit will be granted for only one of the following: PHYS 3~5 or former PHYS 296.*
0201 **(43466)** Skiff, F.
M 2:00pm-5:50pm (PHY 3104) Lab
0301 **(43467)** Skiff, F.
Tu 1:00pm-4:50pm (PHY 3104) Lab

PHYS386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

PHYS389 *(PermReq)* **Undergraduate Thesis Research; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS395 *(PermReq)* **Advanced Experiments; (3)** REG/P-F/AUD. *Prerequisite: PHYS 3~5. For PHYS majors only.* Additional required lab time to be arranged.
0101 **(43612)** Beise, E.
W 12:00pm-3:50pm (PHY 3210) Lab

PHYS398 *(PermReq)* **Independent Studies Seminar; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS398J Independent Studies Seminar: Scientific Journalism; (1) REG/P-F/AUD.
0101 **(43757)** Park, R.
W 12:00pm-1:50pm (PHY 0405)

PHYS399 *(PermReq)* **Special Problems in Physics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS402 Quantum Physics II; (4) REG/P-F/AUD. *Prerequisites: PHYS 401, and PHYS 3~4, and MATH 240. Credit will be granted for only one of the following: PHYS 402 or former PHYS 422. Formerly PHYS 422.*
0101 **(43899)** Ji, X.
MF 9:00am-9:50am (PHY 4208)
W 9:00am-10:50am (PHY 4208)

PHYS404 Introduction to Statistical Thermodynamics; (3) REG/P-F/AUD. *Prerequisites: PHYS 2~3 or equivalent, and MATH 241. Credit will be granted for only one of the following: PHYS 404 or former PHYS 414. Formerly PHYS 414.*
0101 **(43909)** Anderson, J.
TuTh 1:00pm-2:15pm (PHY 1402)

PHYS411 Intermediate Electricity and Magnetism; (4) REG/P-F/AUD. *Prerequisite: PHYS 3~4.*
0101 **(43919)** Jawahery, A.
TuTh 9:00am-10:50am (PHY 4208)

PHYS420 Principles of Modern Physics; (3) REG/P-F/AUD. *Prerequisite: {PHYS 263 or PHYS 2~3 or PHYS 301}; and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.*
0101 **(43929)** Redish, E.
MWF 12:00pm-12:50pm (PHY 4220)

PHYS426 Mathematica for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: (PHYS 263 or PHYS 2~3) and MATH 241.*
0101 **(43939)** Kelly, J.
MWF 1:00pm-1:50pm (EGR 3140)

PHYS429 *(PermReq)* **Atomic and Nuclear Physics Laboratory; (3)** REG/P-F/AUD. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. Physics majors only.
0101 **(43949)** Gammon, R.
M 1:00pm-6:00pm (PHY 3112) Lab

PHYS485 *(PermReq)* **Electronic Circuits; (4)** REG/P-F/AUD. *Prerequisite: PHYS 395. Corequisite: PHYS 301 or PHYS 3~4.* Lab begins first week of classes.
0101 **(43960)** Coplan, M.
M 2:00pm-3:50pm (PHY 4220)
W 1:00pm-4:50pm (PHY 3301) Lab

PHYS499A *(PermReq)* **Special Problems in Physics: Individual Problems with Laboratory; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS499B *(PermReq)* **Special Problems in Physics: Individual Problems; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS601 Theoretical Dynamics; (3) REG/AUD. *Prerequisite: PHYS 410 or equivalent.* Advanced special students require department authorization.
0101 **(44242)** Fivel, D.
MWF 2:00pm-2:50pm (EGR 3140)

PHYS603 Methods of Statistical Physics; (3) REG/AUD. *Prerequisite: PHYS 414 or equivalent. Credit will be granted for only one of the following: PHYS 602 or PHYS 603.* Advanced special students require department authorization.
0101 **(44252)** Fisher, M.
TuTh 9:00am-10:20am (PHY 1219)

PHYS606 Electrodynamics; (4) REG/AUD. *Prerequisite: PHYS 604 or equivalent.* Advanced special students require department authorization.
0101 **(44262)** Drake, J.
TuTh 11:00am-12:50pm (PHY 1402)

PHYS621 *(PermReq)* **Graduate Laboratory; (3)** REG/AUD. All labs will extend 1 hour beyond those listed below. Advanced special students require department authorization.
0101 **(44272)** Gammon, R.
M 1:00pm-6:00pm (PHY 3112) Lab

PHYS622 Introduction to Quantum Mechanics I; (4) REG/AUD. *Prerequisite: an outstanding undergraduate background in physics.* Advanced special students require department authorization.
0101 **(44283)** Jacobson, T.
W 11:00am-12:50pm (PHY 1402)
MF 12:00pm-12:50pm (PHY 1402)

PHYS623 Introduction to Quantum Mechanics II; (3) REG/AUD. *Prerequisite: an outstanding undergraduate background in physics.* Advanced special students require department authorization.
0201 **(44293)** Yakovenko, V.
MW 3:00pm-4:15pm (PHY 1402)

PHYS625 Non-relativistic Quantum Mechanics; (3) REG/AUD. *Prerequisite: PHYS 623.* Advanced special students require department authorization.
0101 **(44303)** Kirkpatrick, T.
Time and room to be arranged

PHYS704 Statistical Mechanics; (3) REG/AUD. *Prerequisites: PHYS 411; and PHYS 602.* Advanced special students require department authorization.
0101 **(44313)** Dorfman, R.
MW 9:00am-10:15am (PHY 4220)

PHYS709 Seminar in General Physics: Statistical Physics; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44323)** Kirkpatrick, T.
Tu 1:15pm-2:30pm (IPT 1116)

PHYS715 Chaotic Dynamics; (3) REG/AUD. *Prerequisite: PHYS 601.* Advanced special students require department authorization.
0101 **(44333)** Ott, E.
MW 12:30pm-1:45pm (PHY 4208)

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44343)** Dragt, A.
W 3:00pm-5:00pm (PHY 1304)

PHYS732 Introduction to Solid State Physics II; (3) REG/AUD. *Prerequisite: PHYS 3~1.* Advanced special students require department authorization.
0101 **(44353)** Das-Sarma, S.
TuTh 11:00am-12:15pm (PHY 4208)

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44363)** Anderson, J.
M 11:00am-12:30pm (PLS 1130)

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44373)** Yakovenko, V.
M 11:00am-12:30pm (PLS 1130)

PHYS748 Seminar in Experimental Nuclear Physics; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44383)** Roos, P.
M 3:00pm-4:30pm (PHY 1304)

PHYS749 Seminar in Theoretical Nuclear Physics; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44393)** Ji, X.
F 3:00pm-5:00pm (PHY 1219)

PHYS752 Elementary Particle Physics II: Theory; (3) REG/AUD. *Prerequisites: {PHYS 624; and PHYS 5~1}.* Advanced special students require department authorization.
0101 **(44403)** Mohapatra, R.
Time and room to be arranged

PHYS758 Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44413)** Hadley, N.
W 4:00pm-4:50pm (PHY 4220)

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44423)** Luty, M.
M 4:00pm-5:50pm (PHY 4102)

PHYS762 Plasma Physics II; (3) REG/AUD.
0101 **(44433)** Hassam, A.
MW 2:00pm-3:15pm (PHY 4208)

PHYS769 Seminar in Plasma Physics: Plasma Physics Research; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44443)** Hassam, A.
W 3:45pm-5:00pm (Arranged)

PHYS776 Advanced Gravitation Theory; (3) REG/AUD. *Prerequisites: PHYS 623 and PHYS 6~5.* Advanced special students require department authorization.
0101 **(44453)** Brill, D.
TuTh 11:00am-12:15pm (PHY 1324)

PHYS778 Seminar in Space and Cosmic Ray Physics; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44463)** Hamilton, D.
M 4:30pm-6:00pm (CSS 2400)

PHYS779 Seminar in General Relativity: Theoretical General Relativity; (1) REG/AUD. Advanced special students require department authorization.
0101 **(44473)** Hu, B.
F 2:00pm-3:30pm (PHY 4102)

PHYS798 *(PermReq)* **Special Problems in Advanced Physics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS798B Special Problems in Advanced Physics: Physics Colloquium; (1) REG/AUD.
0101 **(44620)** Misner, C.
Tu 4:00pm-5:30pm (PHY 1410)

PHYS798C Special Problems in Advanced Physics: Superconductivity; (3) REG/AUD.
0101 **(44630)** Lobb, C.
MWF 11:00am-11:50am (PHY 1219)

PHYS798E Special Problems in Advanced Physics: Selected Topics in Perturbative and Non-Perturbative QCD; (3) REG/AUD.
0101 **(44640)** Banerjee, M.
Time and room to be arranged

PHYS798F Special Problems in Advanced Physics: Applied Dynamics Seminar; (1-3) REG/AUD.
0101 **(44650)** Ott, E.
Th 12:00pm-1:30pm (Arranged)

PHYS798J Special Problems in Advanced Physics: Fundamentals of Atomic, Molecular, and Optical Interactions I; (3) REG/AUD. Also offered as CHPH718B.
0101 **(44670)** Weiner, J.
WF 10:00am-11:15am (CHE 2116)

PHYS798P Special Problems in Advanced Physics: Molecular Simulation Models; (3) REG/AUD.
0101 **(51720)** Panagiotopoulos, A.
MW 2:00pm-3:15pm (PHY 1219)

PHYS799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHYS838A Special Topics in Experimental Solid State Physics: Methods of Surface Physics; (2) REG/AUD.
0101 **(44816)** Williams, E.
M 12:00pm-1:00pm (PHY 1304)
F 3:00pm-5:00pm (PHY 1402)

PHYS838C Special Topics in Experimental Solid State Physics: Superconductivity Seminar; (2) REG/AUD.
0101 **(44826)** Greene, R.
W 12:00pm-1:50pm (PHY 1219)
W 12:00pm-1:50pm (PHY 1221)

PHYS839A Special Topics in Theoretical Solid State Physics: Theory of Low Dimensional Systems; (2) REG/AUD.
0101 **(44836)** Das-Sarma, S.
F 4:00pm-7:00pm (PHY 1304)

PHYS851 Advanced Quantum Field Theory; (3) REG/AUD. *Prerequisite: PHYS 624.*
0101 **(44846)** Luty, M.
MWF 11:00am-11:50am (PHY 4102)

PHYS889 Special Topics in Interdisciplinary Problems: Statistical Field Theory of Atom Optics; (3) REG/AUD.
0101 **(44856)** Hu, B.
Tu 12:15pm-1:10pm (PHY 4220)
Th 12:15pm-1:50pm (PHY 4220)

PHYS899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.
Physics Colloquium meets Tu 4-5:30 in PHY 1410 and PHY 1412.
Physics Journal Club meets Th 4-5:30 in PHY 1410.

PORT Portuguese
(Arts and Humanities)

PORT102 Elementary Portuguese; (4) REG/P-F/AUD. *Prerequisite: PORT 101.*
0101 **(45052)** STAFF
MWF 11:00am-11:50am (PLS 1172)
Tu 11:00am-11:50am (JMZ 1224)

PORT205 Intermediate Conversation; (3) REG/P-F/AUD. *Prerequisite: PORT 203 or permission of department.*
0101 **(45062)** Igel, R.
TuTh 12:30pm-1:45pm (JMZ 0125)

PORT235 Issues in Latin American Studies II; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as SPAN 235. Credit will be granted for only one of the following: PORT 235 or SPAN 235.*
0101 **(45072)** Peres, P.
TuTh 10:00am-10:50am (JMZ 0105)
Th 11:00am-11:50am (JMZ 2120) Dis
0102 **(45073)** Peres, P.
TuTh 10:00am-10:50am (JMZ 0105)
Th 12:00pm-12:50pm (JMZ 2120) Dis

PORT235H Issues in Latin American Studies II; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as SPAN 235. Credit will be granted for only one of the following: PORT 235 or SPAN 235.* For general honors students only
0101 **(51715)** Peres, P.
TuTh 10:00am-10:50am (JMZ 0105)
Th 11:00am-11:50am (JMZ 2120) Dis

PORT399 Independent Study in Portuguese; (1-3) REG/P-F/AUD.
0101 **(45093)** Igel, R.
Time and room to be arranged
0102 **(45094)** Peres, P.
Time and room to be arranged

PORT405 Portuguese for Spanish Speakers; (3) REG/P-F/AUD. *Formerly PORT 121.*
0101 **(45104)** Igel, R.
TuTh 2:00pm-3:15pm (JMZ 1124)

PORT699 *(PermReq)* **Independent Study of Portuguese; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PSYC Psychology
(Behavioral and Social Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

* * The Department of Psychology enforces course prerequisites. Students will be administratively dropped from courses for which they do not have all prerequisites. * *

PSYC100/100+Research requirement: May involve participation in research.

PSYC100 Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Discussion sections do not meet until after first lecture.
0110 **(45174)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
Tu 11:00am-11:50am (ZOP 1228) Dis
0111 **(45175)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
Tu 1:00pm-1:50pm (ZOP 1228) Dis
0112 **(45176)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
Tu 2:00pm-2:50pm (ZOP 1228) Dis
0113 **(45177)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
Tu 3:00pm-3:50pm (ZOP 1228) Dis

(PSYC100 cont'd)

0114 **(45178)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
W 9:00am-9:50am (ZOP 1228) Dis
0115 **(45179)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
W 12:00pm-12:50pm (ZOP 1228) Dis
0116 **(45180)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1228) Dis
0117 **(45181)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1228) Dis
0118 **(45182)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
W 3:00pm-3:50pm (ZOP 1228) Dis
0119 **(45183)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
Th 9:00am-9:50am (ZOP 1228) Dis
0120 **(45184)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
Th 10:00am-10:50am (ZOP 1228) Dis
0121 **(45185)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
M 1:00pm-1:50pm (ZOP 1228) Dis
0124 **(45186)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
Th 1:00pm-1:50pm (ZOP 1228) Dis
0125 **(45187)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
Th 2:00pm-2:50pm (ZOP 1228) Dis
0127 **(45189)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
F 9:00am-9:50am (ZOP 1228) Dis
0128 **(45190)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
Tu 10:00am-10:50am (ZOP 1228) Dis
0129 **(45191)** Plude, D.
MW 10:00am-10:50am (ZOP 1240)
F 12:00pm-12:50pm (ZOP 1228) Dis
0220 **(45192)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
M 9:00am-9:50am (ZOP 1228) Dis
0221 **(45193)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
M 10:00am-10:50am (ZOP 1228) Dis
0222 **(45194)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
M 11:00am-11:50am (ZOP 1228) Dis
0223 **(45195)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
Tu 9:00am-9:50am (ZOP 1228) Dis
0224 **(45196)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
W 10:00am-10:50am (ZOP 1228) Dis
0225 **(45197)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
W 11:00am-11:50am (ZOP 1228) Dis
0226 **(45198)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
F 10:00am-10:50am (ZOP 1228) Dis
0227 **(45199)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
F 11:00am-11:50am (ZOP 1228) Dis
0228 **(45200)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
F 1:00pm-1:50pm (ZOP 1228) Dis
0232 **(45204)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
Tu 12:00pm-12:50pm (ZOP 1228) Dis
0233 **(45205)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
Tu 2:00pm-2:50pm (ZOP 1232) Dis
0238 **(45210)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
M 12:00pm-12:50pm (ZOP 1232) Dis
0239 **(45211)** Smith, B.
TuTh 1:00pm-1:50pm (ZOP 1240)
W 12:00pm-12:50pm (ZOP 1232) Dis
0330 **(45212)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 11:00am-11:50am (ZOP 1124) Dis
0331 **(45213)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 10:00am-10:50am (ZOP 1234) Dis
0332 **(45214)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 11:00am-11:50am (ZOP 1232) Dis
0333 **(45215)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 1:00pm-1:50pm (ZOP 1232) Dis
0334 **(45216)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 2:00pm-2:50pm (ZOP 1232) Dis
0335 **(45217)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 3:00pm-3:50pm (ZOP 1232) Dis
0336 **(45218)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
Tu 10:00am-10:50am (ZOP 1232) Dis
0337 **(45219)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
Tu 11:00am-11:50am (ZOP 1232) Dis
0338 **(45220)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1232) Dis
0339 **(45221)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 9:00am-9:50am (ZOP 1232) Dis
0340 **(45222)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 10:00am-10:50am (ZOP 1232) Dis
0341 **(45223)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 11:00am-11:50am (ZOP 1232) Dis
0343 **(45225)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 9:00am-9:50am (ZOP 1234) Dis
0345 **(45226)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 9:00am-9:50am (ZOP 1234) Dis
0346 **(45227)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 10:00am-10:50am (ZOP 1234) Dis
0348 **(45229)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
F 10:00am-10:50am (ZOP 1124) Dis
0349 **(45230)** Brauth, S.
TuTh 2:00pm-2:50pm (ZOP 1240)
F 11:00am-11:50am (ZOP 1124) Dis

PSYC100H Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB For honors students only.
0201 **(45240)** Dooling, R.
TuTh 2:00pm-3:15pm (ZOP 2283)

PSYC200 *(PermReq)* **Statistical Methods in Psychology; (3)** REG/P-F/AUD. *Prerequisite: PSYC 100; and MATH 111 or MATH 140 or MATH 220.* Permission must be obtained in ZOP 1107.
0110 **(45250)** Larkin, W.
TuTh 8:00am-9:15am (ZOP 1243)
F 8:00am-8:50am (ZOP 1236) Dis
0111 **(45251)** Larkin, W.
TuTh 8:00am-9:15am (ZOP 1243)
F 9:00am-9:50am (ZOP 1236) Dis
0112 **(45252)** Larkin, W.
TuTh 8:00am-9:15am (ZOP 1243)
F 10:00am-10:50am (ZOP 1236) Dis
0113 **(45253)** Larkin, W.
TuTh 8:00am-9:15am (ZOP 1243)
F 12:00pm-12:50pm (ZOP 1124) Dis
0114 **(45254)** Larkin, W.
TuTh 8:00am-9:15am (ZOP 1243)
F 2:00pm-2:50pm (ZOP 1238) Dis
0115 **(45255)** Larkin, W.
TuTh 8:00am-9:15am (ZOP 1243)
F 3:00pm-3:50pm (ZOP 1238) Dis
0220 **(45256)** Martin, J.
TuTh 12:30pm-1:45pm (ZOP 1243)
F 8:00am-8:50am (ZOP 1238) Dis
0221 **(45257)** Martin, J.
TuTh 12:30pm-1:45pm (ZOP 1243)
F 10:00am-10:50am (ZOP 1112) Dis
0222 **(45258)** Martin, J.
TuTh 12:30pm-1:45pm (ZOP 1243)
F 11:00am-11:50am (ZOP 1238) Dis
0223 **(45259)** Martin, J.
TuTh 12:30pm-1:45pm (ZOP 1243)
F 12:00pm-12:50pm (ZOP 1238) Dis
0224 **(45260)** Martin, J.
TuTh 12:30pm-1:45pm (ZOP 1243)
F 1:00pm-1:50pm (ZOP 1236) Dis
0225 **(45261)** Martin, J.
TuTh 12:30pm-1:45pm (ZOP 1243)
F 2:00pm-2:50pm (ZOP 1236) Dis
0301 **(45262)** Norman, K.
MWF 2:00pm-2:50pm (CSS 1410)

PSYC221 Social Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.*
0110 **(45272)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1232) Dis
0111 **(45273)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
W 3:00pm-3:50pm (ZOP 1232) Dis
0112 **(45274)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
Th 12:00pm-12:50pm (ZOP 1232) Dis
0113 **(45275)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
Th 1:00pm-1:50pm (ZOP 1232) Dis
0114 **(45276)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
Th 2:00pm-2:50pm (ZOP 1232) Dis
0115 **(45277)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
F 10:00am-10:50am (ZOP 1238) Dis
0116 **(45278)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
F 11:00am-11:50am (ZOP 1232) Dis
0117 **(45279)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
F 12:00pm-12:50pm (ZOP 1232) Dis
0118 **(45280)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
F 1:00pm-1:50pm (ZOP 1232) Dis
0119 **(45281)** Taylor, D.
MW 1:00pm-1:50pm (ZOP 1240)
F 2:00pm-2:50pm (ZOP 1232) Dis

Priority registration will be given to PSYC majors and to students in other majors that specifically require/recommend these courses.

PSYC301 Biological Basis of Behavior; (3) REG/P-F/AUD. *Prerequisites: BIOL 105 and PSYC 100.* Restricted to PSYC (major code 20010) students only.
0101 **(45291)** Hall, F.
MWF 10:00am-10:50am (ZOP 1250)

PSYC309 Special Topics in Psychology: Research Methods in Psychology; (3) REG/P-F/AUD. Prerequisite: PSYC 200 and completion of the English, Math and Science supporting course sequence. This is a PSYC Lab course and can be used to satisfy the lab requirement for PSYC majors. Restricted to PSYC majors (20010) who have completed more than 85 credits.
0101 **(45301)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
Th 4:00pm-4:50pm (ZOP 1234) Lab
0102 **(45302)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
F 9:00am-9:50am (ZOP 1234) Lab
0103 **(45303)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
F 10:00am-10:50am (ZOP 1234) Lab
0104 **(45304)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
F 11:00am-11:50am (ZOP 1234) Lab
0105 **(45305)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
F 12:00pm-12:50pm (ZOP 1234) Lab
0106 **(45306)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
F 1:00pm-1:50pm (ZOP 1234) Lab
0107 **(45307)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
F 2:00pm-2:50pm (ZOP 1234) Lab
0108 **(45308)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
F 3:00pm-3:50pm (ZOP 1234) Lab
0109 **(45309)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
W 3:00pm-3:50pm (ZOP 1234) Lab
0110 **(45310)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
W 4:00pm-4:50pm (ZOP 1234) Lab
0111 **(45311)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
Th 12:00pm-12:50pm (ZOP 1234) Lab
0112 **(45312)** Stangor, C.
MW 11:00am-11:50am (ZOP 1250)
Th 1:00pm-1:50pm (HBK 1108) Lab

PSYC310 Perception; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45322)** Steinman, R.
TuTh 8:00am-9:15am (ZOP 1250)

PSYC332 Psychology of Human Sexuality; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45332)** Kretz, L.
TuTh 9:30am-10:45am (ZOP 1238)

PSYC336 Psychology of Women; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Also offered as WMST 336. Credit will be granted for only one of the following: PSYC 336 or WMST 336.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45342)** Goodman, L.
MW 8:00am-9:15am (ZOP 1243)

PSYC337 Introduction to Community Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45352)** Steele, R.
TuTh 2:00pm-3:15pm (ZOP 1243)

PSYC353 Adult Psychopathology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Credit will be granted for only one of the following: PSYC 353 and PSYC 331 or PSYC 431.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45362)** Alexander, P.
MWF 10:00am-10:50am (ZOP 1243)
0201 **(45363)** Gelso, C.
TuTh 2:00pm-3:15pm (ZOP 1250)

PSYC355 Child Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Not open to students who have completed PSYC 333.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45373)** Peters, P.
MWF 9:00am-9:50am (ZOP 1250)

PSYC361 Survey of Industrial and Organizational Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45383)** Gelfand, M.
TuTh 12:30pm-1:45pm (ZOP 1250)

All 400-level PSYC courses are restricted to PSYC majors (20010) only.

PSYC401 *(PermReq)* **Biological Bases of Behavior Laboratory; (4)** REG/P-F/AUD. *Prerequisites: BIOL 105; and PSYC 200 or equivalent with permission of instructor; and PSYC 301 or equivalent.*
0101 **(45403)** Yager, D.
MW 8:00am-8:50am (ZOP 1124)
M 1:00pm-5:00pm (ZOP 4126) Lab
0102 **(45404)** Yager, D.
MW 8:00am-8:50am (ZOP 1124)
Tu 1:00pm-5:00pm (ZOP 4126) Lab
0103 **(45405)** Yager, D.
MW 8:00am-8:50am (ZOP 1124)
W 1:00pm-5:00pm (ZOP 4126) Lab
0104 **(45406)** Yager, D.
MW 8:00am-8:50am (ZOP 1124)
Th 1:00pm-5:00pm (ZOP 4126) Lab

PSYC403 Animal Behavior; (3) REG/P-F/AUD. *Prerequisite: PSYC 206 or PYSC 301.* Restricted to PSYC (20010) majors. Other majors are put on a hold list.
0101 **(45407)** Hodos, W.
TuTh 11:00am-12:15pm (ZOP 1236)

PSYC410 Experimental Psychology: Sensory Processes I; (4) REG/P-F/AUD. *Prerequisites: PSYC 200; and completion of the English, math and science supporting course sequence; and permission of department. A student who has completed PSYC 310 must have permission of the instructor in order to register for PSYC 410.* Restricted to PSYC majors (20010) who have completed 85 credits.
0101 **(45416)** Larkin, W.
TuTh 9:30am-10:45am (ZOP 1236)
F 2:00pm-4:00pm (ZOP 0124) Lab
0102 **(45417)** Larkin, W.
TuTh 9:30am-10:45am (ZOP 1236)
F 10:00am-12:00pm (ZOP 0124) Lab
0103 **(45418)** Larkin, W.
TuTh 9:30am-10:45am (ZOP 1236)
Th 2:30pm-4:30pm (ZOP 0124) Lab

PSYC415 History of Psychology; (3) REG/P-F/AUD. *Prerequisite: twelve credits in psychology including PSYC 200 or permission of department.*
0101 **(45419)** Larkin, W.
TuTh 12:30pm-1:45pm (ZOP 2283)

PSYC420 Experimental Psychology: Social Processes I; (4) REG/P-F/AUD. *Prerequisite: PSYC 200; and PSYC 221; and completion of the departmentally required English, math, and science supporting course sequence; and permission of department.* Restricted to PSYC majors (20010) who have completed 85 credits.
0101 **(45428)** Sigall, H.
TuTh 10:00am-10:50am (ZOP 1243)
TuTh 11:00am-1:00pm (ZOP 0147) Lab
0102 **(45429)** Sigall, H.
TuTh 10:00am-10:50am (ZOP 1243)
TuTh 1:00pm-3:00pm (ZOP 0147) Lab
0103 **(45430)** Sigall, H.
TuTh 10:00am-10:50am (ZOP 1243)
WF 12:00pm-2:00pm (ZOP 0147) Lab
0104 **(45431)** Sigall, H.
TuTh 10:00am-10:50am (ZOP 1243)
WF 2:00pm-4:00pm (ZOP 0147) Lab
0105 **(45432)** Sigall, H.
TuTh 10:00am-10:50am (ZOP 1243)
TuTh 3:00pm-5:00pm (ZOP 0147) Lab
0106 **(45433)** Sigall, H.
TuTh 10:00am-10:50am (ZOP 1243)
WF 10:00am-12:00pm (ZOP 0147) Lab

PSYC424 Communication and Persuasion; (3) REG/P-F/AUD. *Prerequisites: PSYC 200; and PSYC 221.* Restricted to PSYC majors (20010). Other majors are put on a hold list.
0101 **(45443)** Mills, J.
TuTh 9:30am-10:45am (ZOP 2283)

PSYC432 Introduction to Counseling Psychology; (3) REG/P-F/AUD. *Prerequisite: nine hours in psychology including PSYC 200.* Restricted to PSYC majors (20010). Other majors are put on a hold list.
0101 **(45453)** O'Brien, K.
TuTh 2:00pm-3:15pm (ZOP 1238)

PSYC433 Analysis of Helping Relationships; (3) REG. *Prerequisites: PSYC 200; [and PSYC 235 or PSYC 334 or PSYC 435 or PSYC 432].* Restricted to PSYC majors (20010). Other majors are put on a hold list.
0101 **(45463)** Hill, C.
TuTh 2:00pm-3:15pm (ZOP 1236)

PSYC434 Severe Mental Disorders: Etiology and Treatment; (3) REG/P-F/AUD. *Prerequisites: PSYC 200, and PSYC 301, and PSYC 353, or permission of department.* Restricted to PSYC (20010) majors. Other majors are put on a hold list.
0101 **(45473)** Coursey, R.
MWF 11:00am-11:50am (ZOP 2109)

PSYC436 Introduction to Clinical Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 200 or equivalent.* Restricted to PSYC (20010) majors. Other majors are put on a hold list.
0101 **(45483)** Patton, L.
TuTh 12:30pm-1:45pm (ZOP 1238)

PSYC440 Experimental Psychology: Cognitive Processes; (4) REG/P-F/AUD. *Prerequisites: PSYC 100; and PSYC 200 or a statistics course from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence; and permission of department.* Restricted to PSYC (20010) majors who have completed 85 credits.
0101 **(45493)** STAFF
MW 9:00am-10:15am (ZOP 2283)
M 1:00pm-4:00pm (ZOP 0124) Lab
0102 **(45494)** STAFF
MW 9:00am-10:15am (ZOP 2283)
Tu 1:00pm-4:00pm (ZOP 0124) Lab

PSYC450 Field Research in Organizational Psychology; (4) REG/P-F/AUD. *Prerequisites: PSYC 100, PSYC 200 and completion of required English, math, science sequence. Recommended: PSYC 361. For PSYC majors only.* Restricted to PSYC (20010) majors who have completed 85 credits.
0101 **(45504)** STAFF
MW 1:30pm-3:30pm (ZOP 2283)

PSYC464 Psychology of Leaders in Work Organizations; (3) REG/P-F/AUD. *Prerequisite: PSYC 361 or equivalent.* Restricted to PSYC (20010) majors. Other majors are put on a hold list.
0101 **(45514)** Schneider, B.
Tu 4:00pm-7:00pm (ZOP 1236)

PSYC466 Environmental and Ecological Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 200.* Restricted to PSYC (20010) majors. Other majors are put on a hold list.
0101 **(45534)** Trickett, E.
MWF 10:00am-10:50am (ZOP 1232)

PSYC469H *(PermReq)* **Honors Thesis Proposal Preparation; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to PSYC majors (20010) only.

PSYC478 *(PermReq)* **Independent Study in Psychology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only. The student must have completed 9 hours in PSYC with at least a 3.0 GPA in PSYC and a 2.8 overall GPA.

PSYC479 *(PermReq)* **Special Research Problems in Psychology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only. The student must have completed 9 hours in PSYC with at least a 3.0 GPA in PSYC and a 2.8 overall GPA.

PSYC498H *(PermReq)* **Advanced Psychology II (Honors); (3)** REG/P-F/AUD.
0101 **(45689)** Norman, K.
Tu 2:00pm-4:30pm (CSS 1410)

PSYC499H *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only.
Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 level and above courses.

PSYC602 Quantitative Methods II; (3) REG/AUD. *Prerequisite: PSYC 601.* For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45741)** Hanges, P.
TuTh 9:30am-10:45am (ZOP 2109)
Th 4:30pm-6:00pm (ZOP 2109) Dis

PSYC605 Sensory and Perceptual Processes; (3) REG/AUD. *Credit will be granted for only one of the following: PSYC 605 or PSYC 651. Formerly PSYC 651.* For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45751)** Sternheim, C.
W 9:30am-12:00pm (ZOP 0124)

PSYC607 Advanced Topics in Human-Learning and Cognitive Psychology; (3) REG/AUD. *Credit will be granted for only one of the following: PSYC 607 or PSYC 671. Formerly PSYC 671.* For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45761)** Nelson, T.
W 5:00pm-7:30pm (ZOP 1103)

PSYC610 Historical Viewpoints and Current Theories in Psychology; (3) REG/AUD. *Credit will be granted for only one of the following: PSYC 610 or PSYC 688. Formerly PSYC 688.* For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45771)** Horton, D.
F 10:00am-12:30pm (ZOP 1103)

PSYC718 Research Issues in Clinical, Counseling, and Community Psychology; (3) REG/AUD. For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45801)** Helms, J.
M 2:00pm-5:00pm (ZOP 1112)
0201 **(45802)** Smith, B.
Tu 9:00am-11:30am (ZOP 1112)

PSYC722 Assesment Issues in Clinical/Community Psychology I; (2) REG/AUD. *Prerequisite: permission of department. Corequisite: PSYC 721.* For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45812)** O'Brien, K.
Tu 9:00am-12:00pm (ZOP 1103)
0201 **(45813)** Wilken, J.
Th 7:00pm-9:30pm (ZOP 2109)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

PSYC723 *(PermReq)* **Assessment Issues in Clinical/Community Psychology II; (2)** REG/AUD. *Prerequisite: permission of department.* For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45823)** Dies, R.
Time and room to be arranged

PSYC724 *(PermReq)* **Assessment Issues in Clinical/Community Psychology II; (2)** REG/AUD. *Prerequisite: permission of department.* For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45833)** Fedio, P.
Time and room to be arranged

PSYC727 Introductory Counseling Practicum; (3) REG/AUD. *Prerequisite: PSYC 711; and PSYC 712.* For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45843)** Gelso, C.
W 1:00pm-4:00pm (ZOP 1112)

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; (3) REG/AUD. PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45853)** Brown, R.
Tu 1:00pm-5:00pm (ZOP 2114B)
0201 **(45854)** Alexander, P.
M 1:00pm-5:00pm (ZOP 2114B)

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; (3) REG/AUD. For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45864)** Coursey, R.
Tu 2:00pm-5:00pm (ZOP 2114B)
0201 **(45865)** Zamostny, K.
W 1:00pm-4:00pm (ZOP 2109)

PSYC737 Research Methods in Industrial/Organizational Psychology; (3) REG/AUD. *Prerequisite: PSYC 603 or permission of instructor.* For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45875)** Klein, K.
M 9:30am-12:00pm (ZOP 1103)

PSYC738 Seminar in Industrial/Organizational Psychology; (3) REG/AUD. For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45885)** Gelfand, M.
Tu 3:00pm-5:30pm (ZOP 1103)

PSYC740 Social Psychology Research Methodology; (3) REG/AUD. For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45896)** Mills, J.
Tu 3:30pm-5:30pm (ZOP 3132)

PSYC749 Current Research in Social Psychology; (1-3) REG/AUD. PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45916)** Stangor, C.
M 2:00pm-4:30pm (ZOP 3132)

PSYC789 Special Research Problems; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PSYC798 Graduate Seminar; (3) REG/AUD. For all non-psychology graduate students, written permission of the instructor is required.
0101 **(45972)** Yager, D.
F 10:00am-12:30pm (ZOP 1128)

PSYC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PSYC889 Research Methods in Psychology; (1-3) REG/AUD. PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required.
0101 **(46029)** Hanges, P.
M 4:00pm-5:30pm (ZOP 1103)
0201 **(46030)** Horton, D.
W 3:00pm-4:30pm (ZOP 1103)
0301 **(46031)** Plude, D.
W 12:00pm-1:30pm (Arranged)

PSYC899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PUAF Public Affairs
(Public Affairs)

PUAF610 Quantitative Methods in Policy Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0301 **(46088)** Fallon, D.
Tu 7:00pm-9:30pm (VMH 1206)

PUAF611 Quantitative Analysis of Policy Issues; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46135)** Lopez, M.
W 4:15pm-6:45pm (VMH 1109)

PUAF620 Political Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46145)** Destler, I.
Th 4:15pm-6:45pm (VMH 1107)
0301 **(46146)** Sprinkle, R.
M 4:15pm-7:00pm (VMH 1206)

PUAF640 Microeconomic Theory and Policy Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0201 **(46156)** Lopez, M.
Th 7:00pm-9:30pm (VMH 1206)

PUAF650 Normative Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0301 **(46167)** Brown, P.
Tu 4:15pm-6:45pm (VMH 1107)

PUAF660 Policy Workshop; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46176)** Nelson, R.
Tu 1:30pm-4:00pm (VMH 1206)
0201 **(46177)** Besharov, D.
Tu 1:30pm-4:00pm (VMH 1109)
0301 **(46178)** Daalder, I.
Tu 1:30pm-4:00pm (VMH 1107)

PUAF670 Finance; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46188)** Slater, S.
Th 9:15am-11:45am (VMH 1206)
0201 **(46189)** Slater, S.
W 4:15pm-6:45pm (VMH 1206)

PUAF691 Conflict, Cooperation and Strategy; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46199)** Schelling, T.
W 1:30pm-4:00pm (VMH 1109)

PUAF698B Selected Topics in Public Affairs: The U.S., Russia and China: Great Power Diplomacy; (3) REG/AUD.
0101 **(46210)** Nacht, M.
W 9:15am-11:45am (VMH 1206)

PUAF698D Selected Topics in Public Affairs: Proliferation of Weapons of Mass Destruction; (1-3) REG/AUD.
0101 **(46219)** Nacht, M.
Tu 4:15pm-7:00pm (VMH 1206)

PUAF698E Selected Topics in Public Affairs: Accounting II: Managerial, Government & Non-Profit Accounting; (3) REG/AUD.
0101 **(46220)** Fettus, S.
Th 4:15pm-6:45pm (VMH 2101F)

PUAF698G Selected Topics in Public Affairs: African Americans in Public Policy; (3) REG/AUD.
0101 **(46229)** Broadnax, W.
M 4:15pm-6:45pm (VMH 1109)

PUAF698I Selected Topics in Public Affairs: Education Policy and Politics; (3) REG/AUD.
0101 **(46239)** Galston, W.
Th 1:30pm-4:00pm (VMH 1107)

PUAF698L Selected Topics in Public Affairs: Civil Society and International Environmental Treaties; (3) REG/AUD.
0101 **(46249)** Biagini, B.
Th 1:30pm-4:00pm (VMH 1109)

PUAF698M Selected Topics in Public Affairs: Environmental Health Policy Research Seminar; (3) REG/AUD.
0101 **(46250)** Sprinkle, R.
M 12:00pm-2:30pm (VMH 2101F)

PUAF698Q Selected Topics in Public Affairs: Development and Foreign Aid; (3) REG/AUD.
0101 **(46251)** Crocker, D.
W 9:15am-11:45am (VMH 1107)

PUAF698Y Selected Topics in Public Affairs: International Development Economics; (3) REG/AUD.
0101 **(46269)** Reinhart, C.
M 4:15pm-6:45pm (VMH 1107)

PUAF706 Public Policymaking for Journalists; (3) REG/AUD. *Prerequisites: JOUR 462 and JOUR 728. For JOUR majors only.*
0101 **(46299)** Falk, D.
M 1:00pm-4:00pm (VMH 1109)

PUAF711 Management Strategies in Public Organizations; (3) REG/AUD. *For PUAF majors only or permission of department.*
0201 **(46309)** Broadnax, W.
M 9:15am-11:45am (VMH 1107)

PUAF712 Analysis of Fiscal Conditions; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46319)** Falk, D.
Time and room to be arranged

PUAF717 Federal Budgeting: Policy and Process; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46329)** STAFF
W 7:00pm-9:30pm (VMH 1206)

PUAF734 Foundations of Social Policy; (3) REG/AUD.
0101 **(46339)** Reuter, P.
Tu 4:15pm-6:45pm (VMH 1109)

PUAF735 Health Policy; (3) REG/AUD.
0101 **(46340)** Sprinkle, R.
Th 4:15pm-6:45pm (VMH 1109)

PUAF740 Public Policy and the Environment; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46349)** Nelson, R.
W 4:15pm-6:45pm (VMH 1107)
0201 **(46350)** Nelson, R.
Th 9:15am-11:45am (VMH 1107)

PUAF742 Environmental Ethics; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46371)** Brown, P.
W 1:30pm-4:00pm (VMH 1107)

PUAF743 Ecological Economics; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46381)** Daly, H.
Th 4:15pm-6:45pm (VMH 1206)

PUAF780 The American Foreign Policy-Making Process; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46442)** Destler, I.
M 1:30pm-4:00pm (VMH 1107)

PUAF790 Project Course; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46452)** Reuter, P.
Time and room to be arranged
Time and room to be arranged Lab
0201 **(46453)** Rogers, J.
Time and room to be arranged
Time and room to be arranged Lab
0301 **(46454)** Brown, P.
Time and room to be arranged
Time and room to be arranged Lab
0401 **(46455)** Daalder, I.
Time and room to be arranged
Time and room to be arranged Lab

PUAF798B Readings in Public Policy; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PUAF798R Readings in Public Policy: Research Methods and Public Policy; (3) REG/AUD. Prerequisite: PhD candidacy or permission of department.
0201 **(46489)** Reuter, P.
W 12:00pm-2:30pm (VMH 2101F)

PUAF899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

RUSS Russian
(Arts and Humanities)

RUSS102 Elementary Russian II; (5) REG/P-F/AUD. *Prerequisite: RUSS 101. Not open to native speakers of Russian.* Course chairman: C. Martin.
0101 **(46573)** STAFF
MWF 11:00am-11:50am (JMZ 2122)
TuTh 11:00am-12:15pm (JMZ 2122)
0201 **(46574)** Martin, C.
MWF 12:00pm-12:50pm (JMZ 2122)
TuTh 12:30pm-1:45pm (JMZ 2122)

RUSS202 Intermediate Russian II; (4) REG/P-F/AUD. *Prerequisite: RUSS 201. Not open to native speakers of Russian.* Course chairman: K. Gor.
0101 **(46584)** Gor, K.
MWF 12:00pm-12:50pm (JMZ 1117)
TuTh 12:00pm-12:50pm (JMZ 1109)
0201 **(46585)** Gor, K.
MWF 12:00pm-12:50pm (JMZ 1120)
TuTh 12:00pm-12:50pm (JMZ 1120)

RUSS222 Masterworks of Russian Literature II; (3) REG/P-F/AUD. CORE: HL
0101 **(46595)** Lekic, M.
MWF 10:00am-10:50am (JMZ 1124)

RUSS281 Russian Language and Pre-Revolutionary Culture; (3) REG/P-F/AUD. CORE: HO *Not open to native speakers of Russian.*
0101 **(46605)** Martin, C.
TuTh 9:30am-10:45am (JMZ 2122)

RUSS298M Special Topics in Russian Language and Literature: Russian Cinema in Translation; (3) REG/P-F/AUD.
0101 **(46615)** Gor, K.
TuTh 2:00pm-3:15pm (JMZ 1103)

RUSS302 Advanced Russian II; (3) REG/P-F/AUD. *Prerequisite: RUSS 301.*
0101 **(46625)** Sergushenkora, G.
MWF 10:00am-10:50am (JMZ 3118)
0201 **(46626)** Sergushenkora, G.
MWF 10:00am-10:50am (JMZ 1211)

RUSS322 Survey of Russian Literature II; (3) REG/P-F/AUD. *Prerequisite: RUSS 321 or equivalent.*
0101 **(46627)** Sergushenkora, G.
MWF 1:00pm-1:50pm (JMZ 1103)

RUSS382 Russian Civilization (in Russian) II; (3) REG/P-F/AUD. *Prerequisite: RUSS 202.*
0101 **(46636)** Hitchcock, D.
TuTh 11:00am-12:15pm (JMZ 2206)

RUSS386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

RUSS402 Practicum in Written Russian; (3) REG/P-F/AUD. *Prerequisite: RUSS 401 or equivalent.*
0101 **(46651)** Hardman, I.
MWF 11:00am-11:50am (JMZ 2102)

RUSS404 Practicum in Spoken Russian; (3) REG/P-F/AUD. *Prerequisite: RUSS 403 or equivalent.*
0101 **(46661)** STAFF
MWF 3:00pm-3:50pm (JMZ 3118)

RUSS412 Linguistic Analysis of Russian II; (3) REG/P-F/AUD. *Prerequisite: RUSS 411.*
0101 **(46671)** Hitchcock, D.
TuTh 12:30pm-1:45pm (JMZ 3118)

RUSS613 Problems in Russian Semantics; (3) REG/AUD. *Prerequisite: RUSS 412 or permission of department.*
0101 **(46691)** Brecht, R.
W 5:00pm-7:30pm (JMZ 3118)

RUSS618 *(PermReq)* **Special Topics in Linguistic Analysis of Russian; (3)** REG/AUD.
0101 **(46701)** Lekic, M.
M 4:00pm-6:30pm (JMZ 2102)

RUSS798 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
0101- Staff: 0201- Brecht, Richard: 0301- Staff: 0401- Hitchcock, Donald: 0501- Lekic, Maria: 0601- Martin, Cynthia, 0701- Gor, Kira.

RUSS798C Independent Study: Russian Communication; (3) REG/AUD.
0101 **(46716)** Lekic, M.
W 1:00pm-3:30pm (JMZ 1211)

RUSS799 Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

SLAV Slavic
(Arts and Humanities)

SLAV479 Selected Topics in Slavic Linguistics; (3) REG/P-F/AUD.
0101 **(46780)** Hitchcock, D.
TuTh 2:00pm-3:15pm (JMZ 1123)

SLAV499 Directed Study; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SOCY Sociology
(Behavioral and Social Sciences)

SOCY100 Introduction to Sociology; (3) REG/P-F/AUD. CORE: SB Serves as a prerequisite for other SOCY courses.
0101 **(46844)** Hartmark, S.
MWF 12:00pm-12:50pm (ASY 3203)
0201 **(46845)** Hamilton, V.
TuTh 2:00pm-3:15pm (ASY 1213)
0301 **(46846)** Johnson, T.
TuTh 12:30pm-1:45pm (COL 3111)
0401 **(46847)** Pan, J.
MWF 9:00am-9:50am (ASY 2309)
0501 **(46848)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 8:00am-8:50am (ASY 3221) Dis
0502 **(46849)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 9:00am-9:50am (ASY 3207) Dis
0503 **(46850)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 10:00am-10:50am (ASY 3221) Dis
0504 **(46851)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 11:00am-11:50am (ASY 3221) Dis
0505 **(46852)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 12:00pm-12:50pm (ASY 3221) Dis
0506 **(46853)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 1:00pm-1:50pm (ASY 3221) Dis
0507 **(46854)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 2:00pm-2:50pm (ASY 3221) Dis
0508 **(46855)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 11:00am-11:50am (COL 3112) Dis
0509 **(46856)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 1:00pm-1:50pm (ARC 1125) Dis
0601 **(46857)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 8:00am-8:50am (ASY 3217) Dis
0602 **(46858)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 9:00am-9:50am (ARC 1127) Dis
0603 **(46859)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 10:00am-10:50am (ASY 3217) Dis
0604 **(46860)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 11:00am-11:50am (ASY 3217) Dis
0605 **(46861)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 12:00pm-12:50pm (ASY 3217) Dis
0606 **(46862)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 1:00pm-1:50pm (ASY 3217) Dis
0607 **(46863)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 2:00pm-2:50pm (TWS 0135) Dis
0608 **(46864)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 12:00pm-12:50pm (ASY 3211) Dis
0609 **(46865)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 1:00pm-1:50pm (ASY 3211) Dis

SOCY105 Introduction to Contemporary Social Problems; (3) REG/P-F/AUD. CORE: SB Serves as prerequisite for other SOCY courses.
0101 **(46875)** KOHLMAN, M.
MWF 2:00pm-2:50pm (ASY 1213)
0201 **(46876)** Zamani-Moghadam, L.
TuTh 11:00am-12:15pm (ASY 3207)
0301 **(46877)** Shiw Parsad, B.
TuTh 9:30am-10:45am (COL 3109)
0401 **(46878)** Sloan, M.
MWF 10:00am-10:50am (ASY 3207)
0501 **(46879)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 9:00am-9:50am (ARC 1123) Dis
0502 **(46880)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 10:00am-10:50am (ARC 1125) Dis
0503 **(46881)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 11:00am-11:50am (ARC 1125) Dis
0504 **(46882)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 12:00pm-12:50pm (COL 3114) Dis
0505 **(46883)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 1:00pm-1:50pm (ASY 3217) Dis
0506 **(46884)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 2:00pm-2:50pm (ASY 3215) Dis
0507 **(46885)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 11:00am-11:50am (COL 3111) Dis
0508 **(46886)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 12:00pm-12:50pm (ASY 3217) Dis
0509 **(46887)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 2:00pm-2:50pm (ASY 3217) Dis

SOCY105+ Introduction to Contemporary Social Problems; (3) REG/P-F/AUD. CORE: SB Restricted to College Park Scholars - Science, Discovery, and the Universe.
0401 **(46888)** Sloan, M.
MWF 10:00am-10:50am (ASY 3207)

SOCY105H Introduction to Contemporary Social Problems; (3) REG/P-F/AUD. CORE: SB For general honors students only.
0101 **(46897)** Korzeniewicz, R.
TuTh 2:00pm-3:15pm (ASY 3207)

SOCY201 Introductory Statistics for Sociology; (4) REG/P-F/AUD. *Prerequisite: SOCY 100 and MATH 111 or equivalent. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.*
0101 **(46907)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 8:00am-9:50am (COL 3111) Dis
0102 **(46908)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 10:00am-11:50am (COL 3111) Dis
0103 **(46909)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 12:00pm-1:50pm (ASY 3211) Dis
0104 **(46910)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 2:00pm-3:50pm (COL 3109) Dis
0105 **(46911)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
Tu 8:00am-9:50am (COL 3111) Dis

SOCY202 Introduction to Research Methods in Sociology; (4) REG/P-F/AUD. *Prerequisite: SOCY 201.*
0101 **(46921)** Milkie, M.
TuTh 8:00am-9:15am (ASY 2309)
Th 11:00am-12:50pm (EDU 2102) Lab
0102 **(46922)** Milkie, M.
TuTh 8:00am-9:15am (ASY 2309)
Th 2:00pm-3:50pm (TWS 0147) Lab
0201 **(46923)** Milkie, M.
TuTh 9:30am-10:45am (ASY 2309)
F 8:00am-9:50am (ASY 3217) Lab
0202 **(46924)** Milkie, M.
TuTh 9:30am-10:45am (ASY 2309)
F 10:00am-11:50am (ASY 3217) Lab

SOCY203 Sociological Theory; (3) REG/P-F/AUD. *Prerequisite: SOCY 100.* Required for all SOCY majors.
0101 **(46934)** Meeker, B.
MWF 11:00am-11:50am (ASY 1213)

SOCY227 Introduction to the Study of Deviance; (3) REG/P-F/AUD. CORE: SB *Credit will be granted for only one of the following: SOCY 22~ or SOCY 32~. Formerly SOCY 32~.*
0101 **(46944)** Baxter, S.
MWF 11:00am-11:50am (ASY 3203)
0201 **(46945)** Goodman, D.
MWF 2:00pm-2:50pm (ASY 3203)

SOCY230 Sociological Social Psychology; (3) REG/P-F/AUD. No prerequisites.
0101 **(46955)** Martin, C.
TuTh 9:30am-10:45am (ASY 3207)

SOCY241 Inequality in American Society; (3) REG/P-F/AUD. DIVERSITY *Credit will be granted for only one of the following: SOCY 241 or SOCY 341. Formerly SOCY 341.*
0101 **(46965)** Moran, T.
MWF 10:00am-10:50am (ASY 1213)

SOCY305 Scarcity and Modern Society; (3) REG/P-F/AUD. *Prerequisite: 3 credits of sociology.*
0101 **(46975)** Finsterbusch, K.
TuTh 11:00am-12:15pm (HBK 0109)

SOCY325 The Sociology of Gender; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: 3 credits of sociology. Also offered as WMST 325. Credit will be granted for only one of the following: SOCY 325 or WMST 325.*
0101 **(46986)** Malhotra, A.
TuTh 12:30pm-1:45pm (ASY 3207)
0201 **(46987)** Hunt, J.
TuTh 9:30am-10:45am (ASY 1213)
0301 **(46988)** Moore, L.
MWF 12:00pm-12:50pm (ASY 2309)

SOCY380 *(PermReq)* **Honors Independent Reading in Sociology; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. Formerly SOCY 3~8.*

SOCY381 *(PermReq)* **Honors Independent Research in Sociology; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 380. Formerly SOCY 388.*

SOCY383 *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 381. Formerly SOCY 389.*

SOCY386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergraduate Program.

SOCY399 *(PermReq)* **Independent Study in Sociology; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. No more than 6 hours of 399 is allowed for credit.

SOCY402 Intermediate Procedures For Data Collection; (3) REG/P-F/AUD. *Prerequisite: SOCY 202 or equivalent or permission of department.*
0101 **(47061)** Robinson, J.
M 3:00pm-5:40pm (ASY 3203)

SOCY410 Social Demography; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47071)** Bianchi, S.
TuTh 2:00pm-3:15pm (ASY 3203)

SOCY411 Demographic Techniques; (3) REG/P-F/AUD. *Prerequisite: SOCY 201 or equivalent and SOCY 410 or permission of department.*
0101 **(47081)** Kahn, J.
TuTh 2:00pm-3:15pm (ASY 3221)

SOCY427 Deviant Behavior; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47101)** Brown, R.
TuTh 12:30pm-1:45pm (ASY 2309)

SOCY431 Formal and Complex Organizations; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47122)** Finsterbusch, K.
TuTh 2:00pm-3:15pm (ASY 2309)

SOCY441 Social Stratification and Inequality; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department. 56 semester hours. Junior standing. Credit will be granted for only one of the following: SOCY 241 or SOCY 441.*
0101 **(47132)** Pease, J.
TuTh 9:30am-10:45am (ASY 3203)
0201 **(47133)** Vanneman, R.
TuTh 12:30pm-1:45pm (ASY 3203)
0301 **(47134)** Landry, L.
MWF 11:00am-11:50am (ASY 3207)

SOCY498D Selected Topics in Sociology: Women and Men in the Third World; (3) REG/P-F/AUD.
0101 **(47164)** Korzeniewicz, R.
TuTh 9:30am-10:45am (ASY 3219)

SOCY498E Selected Topics in Sociology: The Sociology of Children; (3) REG/P-F/AUD.
0101 **(47174)** Bianchi, S.
TuTh 11:00am-12:15pm (ASY 3203)

SOCY498F Selected Topics in Sociology: Family and Class; (3) REG/P-F/AUD.
0101 **(47184)** Landry, L.
MWF 1:00pm-1:50pm (ASY 3207)

SOCY498G Selected Topics in Sociology: Social Change in the American South; (3) REG/P-F/AUD.
0101 **(47194)** Falk, W.
TuTh 11:00am-12:15pm (ASY 3221)

SOCY498J Selected Topics in Sociology: Sociology of Consumerism; (3) REG/P-F/AUD.
0101 **(47204)** Ritzer, G.
TuTh 12:30pm-1:45pm (ASY 3221)

SOCY602 Intermediate Procedures of Data Analysis; (3) REG/AUD. *Prerequisite: undergraduate training in sociology research methods, statistics, and theory of equivalent.*
0101 **(47267)** Neustadtl, A.
Tu 6:30pm-9:10pm (ASY 2309)

SOCY605 Methods of Program Evaluation; (3) REG/AUD. *Prerequisite: SOCY 202 or equivalent or permission of instructor.*
0101 **(47277)** Segal, D.
W 3:30pm-6:10pm (ASY 3217)

SOCY621 Contemporary Sociological Theory; (3) REG/AUD. *Prerequisite: SOCY 203 or equivalent or permission of instructor.*
0101 **(47287)** Ritzer, G.
Th 3:30pm-6:10pm (ASY 2115)

SOCY644 Gender, Work, and Family; (3) REG/AUD.
0101 **(47297)** Presser, H.
W 3:30pm-6:10pm (ASY 2115)

SOCY647 Interpersonal Behavior and Small Groups; (3) REG/AUD.
0101 **(47307)** Meeker, B.
M 3:30pm-6:10pm (ASY 2115)

SOCY699 Special Social Problems; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SOCY699D Special Social Problems: Population and Development; (3) REG/AUD.
0101 **(47347)** Malhotra, A.
Tu 3:30pm-6:10pm (ASY 3217)

SOCY699P Special Social Problems: Postmodernism; (3) REG/AUD.
0101 **(47357)** Brown, R.
Th 6:30pm-9:10pm (ASY 2115)

SOCY699S Special Social Problems: Stratification II; (3) REG/AUD.
0101 **(47367)** Vanneman, R.
W 6:30pm-9:10pm (ASY 2115)

SOCY699T Special Social Problems: Teaching Sociology; (1) REG.
0101 **(47377)** Zamani-Moghadam, L.
Time and room to be arranged

SOCY699W Special Social Problems: States, Politics, and Social Change; (3) REG/AUD.
0101 **(47387)** Kestnbaum, M.
Th 6:30pm-9:10pm (ASY 3217)

SOCY701 Issues in the Integration of Theory and Method; (3) REG/AUD. *Prerequisite: SOCY 401 or equivalent and at least two of the following: SOCY 402, SOCY 604, SOCY 605, SOCY 606, SOCY 60~, SOCY 609, SOCY ~02 or permission of instructor.*
0101 **(47397)** Falk, W.
Th 3:30pm-6:10pm (ASY 3217)

SOCY702 Intermediate Procedures for Data Collection; (3) REG/AUD. *Prerequisite: SOCY 202 or equivalent or permission of instructor.*
0101 **(47407)** Robinson, J.
W 6:30pm-9:10pm (ASY 3217)

SOCY759 Advanced Special Topics in Sociology of the Family: Military Families; (3) REG/AUD.
0101 **(47417)** Segal, M.
Tu 3:30pm-6:10pm (ASY 2115)

SOCY799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SOCY819 Research Seminar in Social Psychology; (1) REG/AUD.
0101 **(47458)** Milkie, M.
Time and room to be arranged

SOCY829 Research Seminar in Sociological Theory; (1) REG/AUD.
0101 **(47468)** Brown, R.
Time and room to be arranged

SOCY839 Research Seminar in Organizations and Occupations; (1) REG/AUD.
0101 **(47478)** Hage, J.
Time and room to be arranged

SOCY849 Research Seminar in Demography; (1) REG/AUD.
0101 **(47488)** Kahn, J.
Time and room to be arranged

SOCY858 Research Seminar in Sex Roles; (1) REG/AUD.
0101 **(47498)** Bianchi, S.
Time and room to be arranged

SOCY869 Research Seminar in Military Sociology; (1) REG/AUD.
0101 **(47508)** Kestnbaum, M.
Time and room to be arranged

SOCY889 Research Seminar in Social Stratification; (1) REG/AUD.
0101 **(47518)** Landry, L.
Time and room to be arranged

SOCY899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SPAN Spanish
(Arts and Humanities)

Electronic laboratory for SPAN 101, 102, 102H, 103, 203, 203H will be scheduled after classes start.

SPAN101 Elementary Spanish I; (4) REG/P-F/AUD. *Prerequisite: No previous Spanish; high school level 1 Spanish with grade of A or B; high school level 2 Spanish with a grade of C or below. Not open to native/fluent speakers of Spanish.* Students must present their high school transcript on the first day of class to assure proper placement. Exceptions will be granted for students with 5 years' lapse in study. For advising assistance, come to JMZ 2202.
0101 **(47608)** STAFF
MWF 8:00am-8:50am (JMZ 2207)
Tu 8:00am-8:50am (JMZ 2207)
0201 **(47609)** STAFF
MWF 9:00am-9:50am (JMZ 2207)
Tu 9:00am-9:50am (JMZ 2207)
0301 **(47610)** STAFF
MWF 10:00am-10:50am (JMZ 0103)
Tu 10:00am-10:50am (JMZ 0208)
0401 **(47611)** STAFF
MWF 11:00am-11:50am (JMZ 0103)
Tu 11:00am-11:50am (JMZ 0208)
0501 **(47612)** STAFF
MWF 12:00pm-12:50pm (JMZ 0103)
Tu 12:00pm-12:50pm (JMZ 0208)
0601 **(47613)** STAFF
MWF 1:00pm-1:50pm (JMZ 0103)
Tu 1:00pm-1:50pm (JMZ 0208)

SPAN102 Elementary Spanish II; (4) REG/P-F/AUD. *Prerequisite: SPAN 101 at UMCP or equivalent. Not open to native/fluent speakers of Spanish.* Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202.
0101 **(47623)** STAFF
MWThF 8:00am-8:50am (JMZ 0208)
0201 **(47624)** STAFF
MWThF 10:00am-10:50am (JMZ 0208)
0301 **(47625)** STAFF
MWThF 11:00am-11:50am (JMZ 0208)
0401 **(47626)** STAFF
MWThF 12:00pm-12:50pm (JMZ 0208)
0501 **(47627)** STAFF
MWThF 1:00pm-1:50pm (JMZ 0208)

SPAN103 Review of Elementary Spanish; (4) REG/P-F/AUD. *Not open to students who have completed higher level Spanish language classes.* Limited exceptions may be granted for students with weak preparation or several years' lapse since the study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202.
0101 **(47637)** STAFF
MWF 9:00am-9:50am (Arranged)
Tu 9:00am-9:50am (Arranged)
0201 **(47638)** STAFF
MWF 10:00am-10:50am (JMZ 0125)
Tu 10:00am-10:50am (JMZ 2207)
0301 **(47639)** STAFF
MWF 11:00am-11:50am (JMZ 0125)
Tu 11:00am-11:50am (JMZ 2207)
0401 **(47640)** STAFF
MWF 12:00pm-12:50pm (JMZ 0125)
Tu 12:00pm-12:50pm (JMZ 2207)
0501 **(47641)** STAFF
MWF 1:00pm-1:50pm (JMZ 0125)
Tu 1:00pm-1:50pm (JMZ 2207)

SPAN201 Intermediate Spanish; (4) REG/P-F/AUD. CORE: HO *Prerequisite: SPAN 102 or SPAN 103 at UMCP or high school level 3 Spanish with a grade of A or B or high school level 4 Spanish with a C or below. Not open to native/fluent speakers of Spanish. Formerly SPAN 203.* Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202.
0101 **(47651)** STAFF
MWThF 8:00am-8:50am (JMZ 2206)
0201 **(47652)** STAFF
MWThF 9:00am-9:50am (JMZ 0208)
0301 **(47653)** STAFF
MWThF 10:00am-10:50am (JMZ 2207)
0401 **(47654)** STAFF
MWF 11:00am-11:50am (HBK 0123)
Th 11:00am-11:50am (JMZ 2207)
0501 **(47655)** STAFF
MWF 11:00am-11:50am (JMZ 0202)
Th 11:00am-11:50am (JMZ 0118)
0601 **(47656)** STAFF
MWF 12:00pm-12:50pm (JMZ 0202)
Th 12:00pm-12:50pm (JMZ 2207)
0701 **(47657)** STAFF
MWF 12:00pm-12:50pm (JMZ 2206)
Th 12:00pm-12:50pm (JMZ 0118)
0801 **(47658)** STAFF
MWThF 1:00pm-1:50pm (JMZ 2207)
0901 **(47659)** STAFF
MWThF 2:00pm-2:50pm (JMZ 0202)
1001 **(47660)** STAFF
MWThF 3:00pm-3:50pm (JMZ 0208)

SPAN202 Intermediate Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: SPAN 201 or high school level 4 or 5 with a grade of A or B or permission of department. Corequisite: SPAN 20~ and/or SPAN 211. Not open to native/fluent speakers of Spanish. Formerly SPAN 204.*
0101 **(47670)** STAFF
MWF 10:00am-10:50am (JMZ 1117)
0201 **(47671)** STAFF
MWF 11:00am-11:50am (PLS 1113)
0301 **(47672)** STAFF
MWF 12:00pm-12:50pm (JMZ 3205)
0401 **(47673)** STAFF
MWF 1:00pm-1:50pm (JMZ 1226)
0501 **(47674)** STAFF
MWF 2:00pm-2:50pm (JMZ 1226)

SPAN207 Reading and Writing in Spanish; (3) REG/P-F/AUD. *Prerequisites: SPAN 201. Pre- or corequisite: SPAN 202, or permission of department.*
0101 **(47684)** Little, K.
MWF 10:00am-10:50am (JMZ 1224)
0201 **(47685)** Little, K.
MWF 11:00am-11:50am (JMZ 1224)

SPAN211 Intermediate Conversation; (3) REG/P-F/AUD. *Prerequisite: SPAN 201 or permission of department. Not open to native/fluent speakers of Spanish. Formerly SPAN 205.*
0101 **(47695)** STAFF
MWF 9:00am-9:50am (JMZ 1117)
0201 **(47696)** STAFF
MWF 10:00am-10:50am (JMZ 3205)
0301 **(47697)** STAFF
MWF 1:00pm-1:50pm (JMZ 1117)
0401 **(47698)** STAFF
MWF 2:00pm-2:50pm (JMZ 1117)

SPAN221 Introduction to Literature; (3) REG/P-F/AUD. CORE: HL *Prerequisite: Spanish high school level 5 or above or SPAN 202 or permission of department.*
0101 **(47708)** Bouvier, V.
MWF 9:00am-9:50am (JMZ 1224)
0201 **(47709)** STAFF
MWF 1:00pm-1:50pm (JMZ 0202)

SPAN223 United States Latino Culture; (3) REG/P-F/AUD. CORE: HO DIVERSITY *45 semester hours.*
0101 **(47719)** STAFF
MWF 10:00am-10:50am (PLS 1113)

SPAN235 Issues in Latin American Studies II; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as PORT 235. Credit will be granted for only one of the following: SPAN 235 or PORT 235.*
0101 **(47729)** Peres, P.
TuTh 10:00am-10:50am (JMZ 0105)
Th 11:00am-11:50am (JMZ 2120) Dis
0102 **(47730)** Peres, P.
TuTh 10:00am-10:50am (JMZ 0105)
Th 12:00pm-12:50pm (JMZ 2120) Dis

SPAN235H Issues in Latin American Studies II; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as PORT 235. Credit will be granted for only one of the following: SPAN 235 or PORT 235.* For general honors students only.
0101 **(47740)** Peres, P.
TuTh 10:00am-10:50am (JMZ 0105)
Th 11:00am-11:50am (JMZ 2120) Dis

SPAN301 Advanced Grammar and Composition I; (3) REG/P-F/AUD. *Prerequisite: SPAN 202. Recommended: SPAN 20~.*
0101 **(47750)** STAFF
MWF 12:00pm-12:50pm (JMZ 2207)
0201 **(47751)** STAFF
MWF 1:00pm-1:50pm (JMZ 1104)
0301 **(47752)** STAFF
MWF 2:00pm-2:50pm (JMZ 1215)
0401 **(47753)** STAFF
TuTh 7:30pm-8:45pm (JMZ 1215)

SPAN302 Advanced Grammar and Composition II; (3) REG/P-F/AUD. *Prerequisite: SPAN 301.*
0101 **(47763)** STAFF
MWF 11:00am-11:50am (COL 3109)
0201 **(47764)** STAFF
MWF 12:00pm-12:50pm (JMZ 1124)
0301 **(47765)** STAFF
MWF 1:00pm-1:50pm (JMZ 1124)

SPAN306 Spanish II for Native Speakers; (3) REG/P-F/AUD. *Prerequisites: native or near-native knowledge of oral Spanish and little or no formal education in Spanish and SPAN 206 or permission of department.*
0101 **(47775)** Canabal-Torres, E.
MWF 10:00am-10:50am (PLS 1158)

SPAN307 Communication Skills for Fluent Speakers of Spanish; (3) REG/P-F/AUD.
0101 **(47785)** Canabal-Torres, E.
MWF 11:00am-11:50am (JMZ 3205)

SPAN311 Advanced Conversation I; (3) REG/P-F/AUD. *Prerequisite: SPAN 202 or SPAN 211 or permission of department. Not open to native/fluent speakers of Spanish.*
0101 **(47795)** STAFF
MWF 11:00am-11:50am (JMZ 2207)
0201 **(47796)** STAFF
MWF 12:00pm-12:50pm (JMZ 1215)
0301 **(47797)** STAFF
MWF 1:00pm-1:50pm (JMZ 1120)
0401 **(47798)** STAFF
MW 7:30pm-8:45pm (JMZ 3203)

SPAN312 Advanced Conversation II; (3) REG/P-F/AUD. *Prerequisites: SPAN 202 and SPAN 211 or SPAN 311 or permission of department. Not open to native/fluent speakers of Spanish.*
0101 **(47808)** STAFF
MWF 9:00am-9:50am (JMZ 1226)

SPAN317 Translation II; (3) REG/P-F/AUD. *Prerequisite: SPAN 316 or permission of department.*
0101 **(47828)** STAFF
TuTh 9:30am-10:45am (JMZ 1124)
0201 **(47829)** STAFF
TuTh 11:00am-12:15pm (SKN 1115)
0301 **(47830)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1124)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

SPAN318D Translation of Technical Texts; (3) REG/P-F/AUD.
0101 **(47840)** STAFF
MWF 11:00am-11:50am (JMZ 0122)

SPAN322 Survey of Spanish Literature II; (3) REG/P-F/AUD
Prerequisite: SPAN 301 or permission of department.
0101 **(47850)** STAFF
MWF 2:00pm-2:50pm (JMZ 2207)

SPAN324 Survey of Latin-American Literature II; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.*
0101 **(47860)** Bouvier, V.
MWF 10:00am-10:50am (JMZ 0105)
0201 **(47861)** Bouvier, V.
MWF 11:00am-11:50am (PLS 1146)

SPAN326 Spanish Civilization II; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.*
0101 **(47871)** Sanchez De Pinillos, H.
TuTh 3:30pm-4:45pm (JMZ 1122)

SPAN347 Latin American Civilization II; (3) REG/P-F/AUD.
Prerequisite: SPAN 301 or permission of department.
0101 **(47881)** Aguilar-Mora, J.
MWF 2:00pm-2:50pm (JMZ 2206)

SPAN386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F.
Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.
0101 **(47892)** Little, K.
Time and room to be arranged

SPAN399 *(PermReq)* **Independent Study in Spanish; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course.

SPAN402 Advanced Composition II; (3) REG/P-F/AUD.
Prerequisite: SPAN 401 or permission of department.
0101 **(47922)** STAFF
TuTh 2:00pm-3:15pm (JMZ 1117)

SPAN403 *(PermReq)* **Research and Information Sources in Latin Studies; (1)** REG/P-F/AUD.
0101 **(51718)** Griner, L.
Meets 02/11/98-04/01/98
W 1:00pm-3:30pm (MCK 4137)

SPAN408 Great Themes of the Hispanic Literatures: La Mujer en la Edad Media: Mito y Vida Contidiana; (3) REG/P-F/AUD.
0101 **(47932)** Benito-Vessels, C.
TuTh 9:30am-10:45am (JMZ 2120)

SPAN408A Great Themes of the Hispanic Literatures: Madres, Hijas y Rebeldes en la Literatura Latino Americana; (3) REG/P-F/AUD.
0101 **(47943)** Cypess, S.
MWF 1:00pm-1:50pm (JMZ 0105)

SPAN408B Great Themes of the Hispanic Literatures: Introduccion a las Culturas del Caribe: Revolucion, Migracion, Constancia; (3) REG/P-F/AUD.
0101 **(47953)** Phaf, I.
MWF 10:00am-10:50am (JMZ 2206)

SPAN408C Great Themes of the Hispanic Literatures: El Cuento y las narradoras andinas; (3) REG/P-F/AUD.
0101 **(47963)** STAFF
TuTh 12:30pm-1:45pm (JMZ 3120)

SPAN409 Great Themes of the Hispanic Literatures: Art and Politics of Cuban Cinema; (3) REG/P-F/AUD.
0101 **(47964)** Hess, J.
W 3:30pm-6:00pm (SQH 2122)

SPAN415 Commercial Spanish II; (3) REG/P-F/AUD. *Prerequisite: SPAN 315 or permission of department. Sophomore standing.*
0101 **(47983)** STAFF
TuTh 11:00am-12:15pm (KEY 0126)
0301 **(47985)** STAFF
TuTh 2:00pm-3:15pm (JMZ 0125)

SPAN422 Cross-Cultural Communication; (3) REG/P-F/AUD.
Prerequisite: (SPAN 325 and SPAN 326) or (SPAN 346 and SPAN 347) or permission of department. Junior standing.
0101 **(47996)** Lavine, R.
MW 1:00pm-1:50pm (CSS 1410)
F 1:00pm-1:50pm (JMZ 0122)

SPAN458 *(PermReq)* **Senior Capstone Course in Latin American Studies; (3)** REG/P-F/AUD.
0101 **(48047)** Sosnowski, S.
TuTh 2:00pm-3:15pm (JMZ 1226)

SPAN479 Honors Thesis; (3-6) REG/P-F/AUD.
0101 **(48066)** STAFF
Time and room to be arranged

SPAN492H Honors Reading Course: Novel; (3) REG/P-F/AUD. For general honors students only.
0101 **(48076)** Cypess, S.
MWF 1:00pm-1:50pm (JMZ 0220)

SPAN605 *(PermReq)* **Teaching Spanish I; (1)** REG/AUD.
Prerequisite: permission of department. For Spanish teaching assistants only.
0101 **(48086)** Lavine, R.
Time and room to be arranged

SPAN606 *(PermReq)* **Teaching Spanish II; (1)** REG/AUD.
Prerequisite: permission of department. For Spanish teaching assistants only.
0101 **(48096)** Lavine, R.
M 2:30pm-4:30pm (JMZ 1224)

SPAN607 Language Teaching and Technology; (1) REG/AUD.
0101 **(48106)** Lavine, R.
M 2:30pm-4:30pm (JMZ 1122)

SPAN697 From Garcilaso to Calderon: Novel, Poetry and Drama; (3) REG/AUD.
0101 **(48107)** Sanchez De Pinillos, H.
Th 6:30pm-9:00pm (JMZ 2207)

SPAN699 *(PermReq)* **Independent Study in Spanish; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPAN798 Open Seminar: The Literary Legacy of the Inca; (3) REG/AUD.
0101 **(48126)** Renstron, V.
M 5:00pm-7:30pm (JMZ 0125)

SPAN798A Open Seminar: Las Mujeres Escriben en el Siglo XX; (3) REG/AUD.
0101 **(48136)** Cypess, S.
W 4:30pm-7:00pm (JMZ 1226)

SPAN798B Open Seminar: La Escritura Como Recreacion en la Edad Media: Primera Novela y Primeras Escrituras; (3) REG/AUD.
0101 **(48146)** Benito-Vessels, C.
Th 3:30pm-6:00pm (JMZ 2207)

SPAN799 *(PermReq)* **Master's Thesis Research; (1-6)** REG.
Individual Instruction course: contact department or instructor to obtain section number.

SPAN898 Open Seminar: Neobarroco o Postcolonialismo: La Construccion del Genero Historico en el Caribe Hispanico; (3) REG/AUD.
0101 **(48166)** Phaf, I.
Tu 4:30pm-7:00pm (JMZ 3118)

SPAN899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

SPCH Speech
(Arts and Humanities)

SPCH107 Speech Communication: Principles and Practice; (3) REG/P-F. *Not open to students who have completed SPCH 100. Credit will be granted for only one of the following: SPCH 100 or SPCH 107.* (Course chairperson - Wolvin). Attendance on the first day of classes is mandatory. This course is restricted to students of the former College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 0108F, 01020, 01030, 01021, 01031, 01040, 1506A, 12230, 01080, 12120, 12130, 21030, 1305F, 1306F, 1306H, 1307D and 00001.
0101 **(48235)** STAFF
MWF 8:00am-8:50am (PLS 1111)
0401 **(48236)** STAFF
MWF 9:00am-9:50am (PLS 1111)
0601 **(48237)** STAFF
MWF 9:00am-9:50am (PLS 1113)
0701 **(48238)** STAFF
MWF 10:00am-10:50am (PLS 1144)
0801 **(48239)** STAFF
MWF 10:00am-10:50am (PLS 1181)
1001 **(48240)** STAFF
MWF 11:00am-11:50am (PLS 1111)
1101 **(48241)** STAFF
MWF 11:00am-11:50am (PLS 1144)
1201 **(48242)** STAFF
MWF 11:00am-11:50am (PLS 1181)
1401 **(48243)** STAFF
MWF 1:00pm-1:50pm (PLS 1142)
1501 **(48244)** STAFF
MWF 1:00pm-1:50pm (PLS 1144)
1701 **(48245)** STAFF
TuTh 8:00am-9:15am (PLS 1111)
1801 **(48246)** STAFF
TuTh 8:00am-9:15am (PLS 1113)
1901 **(48247)** STAFF
TuTh 9:30am-10:45am (PLS 1111)
2001 **(48248)** STAFF
TuTh 9:30am-10:45am (PLS 1121)
2101 **(48249)** STAFF
TuTh 9:30am-10:45am (PLS 1142)
2201 **(48250)** STAFF
TuTh 11:00am-12:15pm (PLS 1113)
2301 **(48251)** STAFF
TuTh 11:00am-12:15pm (PLS 1121)
2401 **(48252)** STAFF
TuTh 11:00am-12:15pm (PLS 1142)
2601 **(48253)** STAFF
TuTh 12:30pm-1:45pm (PLS 1111)
2701 **(48254)** STAFF
TuTh 12:30pm-1:45pm (PLS 1115)
2801 **(48255)** STAFF
TuTh 12:30pm-1:45pm (PLS 1142)
2901 **(48256)** STAFF
TuTh 11:00am-12:15pm (PLS 1144)
3001 **(48257)** STAFF
TuTh 12:30pm-1:45pm (PLS 1144)
3101 **(48258)** STAFF
TuTh 2:00pm-3:15pm (PLS 1113)
3201 **(48259)** STAFF
TuTh 2:00pm-3:15pm (PLS 1142)
3301 **(48260)** STAFF
TuTh 12:30pm-1:45pm (PLS 1181)
3401 **(48261)** STAFF
MWF 10:00am-10:50am (TWS 0131)
3501 **(48262)** STAFF
TuTh 11:00am-12:15pm (PLS 1181)
3601 **(48263)** STAFF
TuTh 12:30pm-1:45pm (TWS 2212)
3701 **(48264)** STAFF
MWF 9:00am-9:50am (PLS 1115)
3801 **(48265)** STAFF
TuTh 8:00am-9:15am (PLS 1117)

SPCH107+ Speech Communication: Principles and Practice; (3) REG/P-F. *Not open to students who have completed SPCH 100. Credit will be granted for only one of the following: SPCH 100 or SPCH 107.* Restricted to students in a College Park Scholars Program.
0201 **(48275)** STAFF
MWF 8:00am-8:50am (PLS 1119)
Restricted to students in the College Park Scholars Program, Life Sciences.
0301 **(48276)** STAFF
MWF 9:00am-9:50am (PLS 1119)
Restricted to students in a College Park Scholars Program. Intended for College Park Scholars - Public Leadership.
0501 **(48277)** STAFF
MWF 9:00am-9:50am (PLS 1184)
Restricted to students in a College Park Scholars Program. Intended for College Park Scholars - Life Sciences.
0901 **(48278)** STAFF
MWF 10:00am-10:50am (TWS 0135)
Restricted to students in a College Park Scholars Program. Intended for College Park Scholars - Public Leadership.
1301 **(48279)** STAFF
MWF 11:00am-11:50am (LEF 2208)
Restricted to students in the College Park Scholars Program, American Cultures.
1601 **(48280)** STAFF
MWF 2:00pm-2:50pm (PLS 1117)
Restricted to students in a College Park Scholars Program. Intended for College Park Scholars - Life Sciences.
2501 **(48281)** STAFF
TuTh 11:00am-12:15pm (TWS 0135)
Restricted to students in a College Park Scholars Program. Intended for College Park Scholars - Public Leadership.

SPCH125 Introduction to Interpersonal Communication; (3) REG/P-F/AUD. (Course chairperson - Fink). Attendance on the first day of classes is mandatory. This course is restricted to students of the former College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 0108F, 01020, 01030, 01021, 01031, 01040, 1506A, 12230, 01080, 12120, 12130, 21030, 1305A, 1307D and 00001.
0101 **(48291)** McGreevy, S.
TuTh 9:30am-10:45am (PLS 1181)
0201 **(48292)** McGreevy, S.
TuTh 11:00am-12:15pm (KEY 0123)

SPCH200 Advanced Public Speaking; (3) REG/P-F/AUD.
Prerequisite: SPCH 100 or SPCH 107 or permission of department. Attendance on the first day of classes is mandatory.
0101 **(48302)** STAFF
MWF 9:00am-9:50am (PLS 1158)
0201 **(48303)** STAFF
MWF 10:00am-10:50am (SKN 1112)

SPCH220 Small Group Discussion; (3) REG/P-F/AUD. (Course chairperson - Falcione). Attendance on the first day of classes is mandatory.
0101 **(48313)** Waks, L.
TuTh 11:00am-12:15pm (KEY 0103)

SPCH220H Small Group Discussion; (3) REG/P-F/AUD. For general honors students only.
0201 **(48323)** Waks, L.
TuTh 12:30pm-1:45pm (SKN 1112)

SPCH230 Argumentation and Debate; (3) REG/P-F/AUD. (Course chairperson - Klumpp). Attendance on the first day of classes is mandatory.
0101 **(48333)** STAFF
TuTh 8:00am-9:15am (TWS 0131)
0201 **(48334)** STAFF
TuTh 9:30am-10:45am (TWS 2212)

SPCH324 Communication and Gender; (3) REG/P-F/AUD. DIVERSITY
0101 **(48344)** McGreevy, S.
MW 11:00am-12:15pm (SKN 1115)
0201 **(48345)** McGreevy, S.
MW 2:00pm-3:15pm (SQH 2119)

SPCH383 Urban Communication; (3) REG/P-F/AUD. Attendance on the first day of classes is mandatory.
0101 **(48355)** Cai, J.
W 7:00pm-9:45pm (SKN 0104)

SPCH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

SPCH400 Research Methods in Speech Communication; (3) REG/P-F/AUD. *Prerequisites: SPCH 250 and an introductory course in statistics.* Attendance on the first day of classes is mandatory.
0101 **(48371)** Rao, N.
TuTh 11:00am-12:15pm (SKN 0104)

SPCH401 Interpreting Strategic Discourse; (3) REG/P-F/AUD. Attendance on the first day of classes is mandatory.
0101 **(48381)** Gaines, R.
MW 12:30pm-1:45pm (SYM 0200)

SPCH402 Communication Theory and Process; (3) REG/P-F/AUD. *Recommended: SPCH 250.* Attendance on the first day of classes is mandatory.
0101 **(48391)** Waks, L.
MW 3:30pm-4:45pm (SKN 0104)

SPCH424 Communication in Complex Organizations; (3) REG/P-F/AUD.
0101 **(48401)** Cai, D.
TuTh 11:00am-12:15pm (ARC 1101)

SPCH426 Conflict Management; (3) REG/P-F/AUD. *Recommended: SPCH 425, SPCH 250, and SPCH 402.*
0101 **(48411)** Cai, D.
TuTh 9:30am-10:45am (VMH 2203)

SPCH461 Voices of Public Leadership in the Twentieth Century; (3) REG/P-F/AUD.
0101 **(48421)** Klumpp, J.
MW 11:00am-12:15pm (SKN 0104)

SPCH475 Persuasion; (3) REG/P-F/AUD.
0101 **(48431)** Waks, L.
MW 2:00pm-3:15pm (SKN 1115)

SPCH478 *(PermReq)* **Speech Communication Colloquium; (1)** REG.
0101 **(48441)** Rao, N.
F 12:00pm-1:15pm (SKN 0104)

SPCH482 Intercultural Communication; (3) REG/P-F/AUD. DIVERSITY
0101 **(48451)** Cai, J.
MW 8:00am-9:15am (ARM 0119)
0201 **(48452)** Cai, J.
MW 9:30am-10:45am (ARM 0119)

SPCH489 Topical Research; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH498M Seminar: Communication Management; (3) REG/P-F/AUD.
0101 **(48467)** Wolvin, A.
TuTh 3:30pm-4:45pm (SKN 1112)

SPCH600 Empirical Research in Speech Communication; (3) REG/AUD.
0101 **(48477)** Eadie, W.
W 6:00pm-9:00pm (SKN 1112)

SPCH626 Conflict Management; (3) REG/AUD.
0101 **(48487)** Cai, D.
TuTh 9:30am-10:45am (VMH 2203)

SPCH680 *(PermReq)* **Speech Communication Programs in Education and Training; (3)** REG/AUD.
0101 **(48488)** Wolvin, A.
Time and room to be arranged

SPCH688 *(PermReq)* **Speech Communication Field Experience; (1-6)** REG/AUD.
0101 **(48497)** Wolvin, A.
Time and room to be arranged
1001 **(48498)** Wolvin, A.
Time and room to be arranged Lab

SPCH698D Special Problems in Speech Communication: Diffusions of Innovations; (3) REG/AUD.
0101 **(48508)** Rao, N.
Th 6:00pm-9:00pm (SKN 0104)

SPCH698P Special Problems in Speech Communication; (1-3) REG/AUD.
0101 **(48518)** Gaines, R.
F 12:00pm-1:15pm (Arranged)

SPCH711 Qualitative Research Methods in Speech Communication Research; (3) REG/AUD. *Prerequisite: SPCH 700 or permission of instructor. Formerly PCOM 711.*
0101 **(48529)** Klumpp, J.
M 4:00pm-7:00pm (SKN 2127)

SPCH758 *(PermReq)* **Seminar in Rhetorical Theory; (3)** REG/AUD. Prerequisite: SPCH 460, SPCH 461, or SPCH 450, or permission of instructor.
0101 **(48530)** Gaines, R.
Time and room to be arranged

SPCH798 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG.
Individual Instruction course: contact department or instructor to obtain section number.

SPCH888 *(PermReq)* **Doctoral Practicum in Speech Communication; (3-9)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH889 *(PermReq)* **Doctoral Tutorial in Speech Communication; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

STAT Statistics and Probability
(Computer, Mathematical and Physical Sciences)

STAT100 Elementary Statistics and Probability; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of Math Department based on satisfactory score on Math placement exam or MATH 110 or MATH 115. Not open to students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.*
0101 **(48626)** STAFF
MWF 12:00pm-12:50pm (MTH 0103)
0102 **(48627)** STAFF
MWF 12:00pm-12:50pm (MTH B0421)
0103 **(48628)** STAFF
MWF 12:00pm-12:50pm (MTH 0403)
0201 **(48629)** STAFF
MWF 2:00pm-2:50pm (MTH 0103)
0202 **(48630)** STAFF
MWF 2:00pm-2:50pm (MTH 0304)
0203 **(48631)** STAFF
MWF 2:00pm-2:50pm (MTH 0302)

STAT400 Applied Probability and Statistics I; (3) REG/P-F/AUD. *Prerequisite: MATH 141. Not acceptable toward graduate degrees in STAT, MAPL, or MATH. Credit will be granted for only one of the following: STAT 400 or ENEE 324.* Section 0401 is designed for engineering students, stressing applications and techniques from chemical, civil and mechanical engineering.
0101 **(48641)** Grebogi, C.
MWF 9:00am-9:50am (MTH B0421)
0201 **(48642)** Grebogi, C.
MWF 11:00am-11:50am (MTH 0101)
0301 **(48643)** Lee, T.
MWF 1:00pm-1:50pm (MTH 0305)
0401 **(48644)** Syski, R.
MWF 2:00pm-2:50pm (MTH 1311)
0501 **(48645)** Freidlin, M.
TuTh 9:30am-10:45am (MTH 0105)
0601 **(48646)** Qin, J.
TuTh 11:00am-12:15pm (MTH 0101)
0701 **(48647)** Freidlin, M.
TuTh 12:30pm-1:45pm (MTH 0103)
0801 **(48648)** Brin, M.
MWF 10:00am-10:50am (MTH 1308)

STAT401 Applied Probability and Statistics II; (3) REG/P-F/AUD. *Prerequisite: STAT 400.*
0101 **(48658)** Millson, J.
TuTh 11:00am-12:15pm (MTH B0423)

STAT420 Introduction to Statistics; (3) REG/P-F/AUD. *Prerequisite: STAT 410 or equivalent.* Course is offered in the spring semester only.
0101 **(48668)** Yang, G.
TuTh 5:00pm-6:15pm (MTH 0304)

STAT450 Regression and Analysis of Variance; (3) REG/P-F/AUD. *Prerequisite: STAT 401 or STAT 420.*
0101 **(48678)** Kedem, B.
MWF 1:00pm-1:50pm (MTH B0425)

STAT498A Selected Topics in Statistics; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT601 Probability Theory II; (3) REG/AUD. *Prerequisite: STAT 600.* Course is offered in the spring semester only.
0101 **(48695)** Syski, R.
MWF 11:00am-11:50am (MTH 0107)

STAT650 Applied Stochastic Processes; (3) REG/AUD. *Prerequisite: STAT 410 or MATH 410 with one semester of probability.* Course is offered in the spring semester only.
0101 **(48705)** Lee, T.
MW 5:00pm-6:15pm (MTH 0303)

STAT698A Selected Topics in Probability; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT701 Mathematical Statistics II; (3) REG/AUD. *Prerequisite: STAT ~00 or equivalent.* Course is offered in the spring semester only.
0101 **(48723)** Qin, J.
TuTh 5:00pm-6:15pm (MTH 0103)

STAT730 Time Series Analysis; (3) REG/AUD. *Prerequisites: STAT ~00 plus a graduate course in analysis, or permission of instructor. Recommended: STAT ~01, STAT 650.*
0101 **(48733)** Kedem, B.
MWF 11:00am-11:50am (MTH B0431)

STAT750 Multivariate Analysis; (3) REG/AUD. *Prerequisite: STAT 420 or STAT ~00.*
0101 **(48743)** Kagan, A.
TuTh 2:00pm-3:15pm (MTH 0102)

STAT798A Selected Topics in Statistics; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT798C Selected Topics in Statistics: Computational Methods in Statistics; (3) REG/AUD.
0301 **(48762)** Smith, P.
MWF 2:00pm-2:50pm (MTH 0401)

STAT798D Selected Topics in Statistics: Design of Experiments; (3) REG/AUD.
0401 **(48772)** Smith, P.
MWF 10:00am-10:50am (MTH 0104)

STAT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

STAT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

SURV Survey Methodology
(Behavioral and Social Sciences)

SURV420 Introduction to Statistics; (3) REG/P-F/AUD. *Prerequisite: SURV 410 or STAT 410. Not open to students who have completed STAT 420.*
0101 **(48847)** Yang, G.
TuTh 5:00pm-6:15pm (MTH 0304)

SURV602 Social Statistics II; (3) REG/AUD. *Prerequisite: SURV 601 or permission of department. Not open to SOCY students who have completed SOCY 602. Credit will be granted for only one of the following: SURV 602 or SOCY 602.*
0101 **(48857)** Neustadtl, A.
Tu 6:30pm-9:10pm (ASY 2309)

SURV621 Survey Practicum II; (3) REG/AUD. *Prerequisite: SURV 620.*
0101 **(48867)** Presser, S.
Meets 01/28/98-05/06/98
W 3:30pm-6:10pm (LEF 2166)

SURV625 Applied Sampling; (3) REG/AUD. *Prerequisite: statistics course approved by the department.*
0101 **(48877)** Lepkowski, J.
Meets 01/08/98-04/30/98
Th 6:30pm-9:10pm (LEF 1208)

SURV632 Social and Cognitive Foundations of Survey Measurement; (3) REG/AUD.
0101 **(48887)** STAFF
Meets 01/27/98-05/13/98
TuTh 5:00pm-6:15pm (LEF 1208)

SURV671 Introduction to the Federal Statistical System and the Survey Research Profession II; (1) REG/AUD. *Prerequisite: SURV 6~0.*
0101 **(48897)** Groves, R.
Meets 01/28/98-05/06/98
W 6:30pm-7:20pm (LEF 1220)

SURV699J Special Topics in Survey Methodology: Topics in Analysis of Survey Data; (3) REG/AUD.
0101 **(48907)** STAFF
F 3:30pm-6:10pm (LEF 1221)

SURV742 Inference from Complex Surveys; (3) REG/AUD. *Prerequisite: STAT 440.*
0101 **(48917)** Rust, K.
Meets 01/27/98-05/13/98
Tu 4:30pm-7:10pm (LEF 1220)

SURV744 Topics in Sampling; (3) REG/AUD. *Prerequisite: SURV ~40.*
0101 **(48927)** Kalton, G.
Meets 01/27/98-05/13/98
M 4:30pm-7:10pm (LEF 1221)

SURV760 Survey Management; (3) REG/AUD. Course meets at the BLS Conference Center in Washington, D.C.
0101 **(48937)** Mathiowetz, N.
Meets 01/28/98-05/06/98
W 4:30pm-7:00pm (Arranged)

SURV771 Survey Design Seminar II; (1) REG/AUD. *Prerequisite: SURV ~~0. For SURV majors only.*
0101 **(48947)** Groves, R.
Th 4:30pm-6:00pm (LEF 1218)

THET Theatre
(Arts and Humanities)

THET110 Introduction to the Theatre; (3) REG/P-F/AUD. CORE: HA
0101 **(48997)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (TWS 2212) Dis
0102 **(48998)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 11:00am-11:50am (COL 3111) Dis
0103 **(48999)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 4:00pm-4:50pm (TWS 0147) Dis
0104 **(49000)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 2:00pm-2:50pm (TWS 0147) Dis
0105 **(49001)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 12:00pm-12:50pm (ASY 3207) Dis
0106 **(49002)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (COL 3109) Dis
0107 **(49003)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (TWS 0147) Dis
0108 **(49004)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 2:00pm-2:50pm (COL 3109) Dis
0109 **(49005)** Greeley, L.
MW 9:00am-9:50am (SKN 0200)
W 3:00pm-3:50pm (ASY 3221) Dis
0201 **(49006)** Greeley, L.
MW 11:00am-11:50am (JMZ 0220)
W 2:00pm-2:50pm (COL 3112) Dis
0202 **(49007)** Greeley, L.
MW 11:00am-11:50am (JMZ 0220)
W 4:00pm-4:50pm (COL 3111) Dis
0203 **(49008)** Greeley, L.
MW 11:00am-11:50am (JMZ 0220)
W 12:00pm-12:50pm (ASY 3221) Dis
0204 **(49009)** Greeley, L.
MW 11:00am-11:50am (JMZ 0220)
W 12:00pm-12:50pm (COL 3111) Dis
0205 **(49010)** Greeley, L.
MW 11:00am-11:50am (JMZ 0220)
W 1:00pm-1:50pm (EDU 3236) Dis
0206 **(49011)** Greeley, L.
MW 11:00am-11:50am (JMZ 0220)
W 1:00pm-1:50pm (COL 3110) Dis
0207 **(49012)** Greeley, L.
MW 11:00am-11:50am (JMZ 0220)
W 2:00pm-2:50pm (COL 3110) Dis
0208 **(49013)** Greeley, L.
MW 11:00am-11:50am (JMZ 0220)
W 3:00pm-3:50pm (COL 3110) Dis
0209 **(49014)** Greeley, L.
MW 11:00am-11:50am (JMZ 0220)
W 3:00pm-3:50pm (COL 3111) Dis

THET111 Making Theatre: Art and Scholarship; (3) REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.*
0101 **(49024)** Black, C.
TuTh 9:00am-10:50am (SQH 1119)

THET120 Acting I; (3) REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.*
0101 **(49034)** STAFF
TuTh 11:00am-1:00pm (TWS 1228)
TuTh 11:00am-1:00pm (TWS 1228) Lab
0102 **(49035)** STAFF
TuTh 1:00pm-3:00pm (TWS 1228)
TuTh 1:00pm-3:00pm (TWS 1228) Lab
0103 **(49036)** STAFF
TuTh 3:00pm-5:00pm (TWS 1228)
TuTh 3:00pm-5:00pm (TWS 1228) Lab

THET170 Stagecraft; (3) REG/P-F/AUD.
0101 **(49046)** Kriebs, D.
TuTh 11:00am-12:00pm (TWS 0241)
M 2:00pm-5:00pm (TWS 0231) Lab
0102 **(49047)** Kriebs, D.
TuTh 11:00am-12:00pm (TWS 0241)
Tu 2:00pm-5:00pm (TWS 0231) Lab
0103 **(49048)** Kriebs, D.
TuTh 11:00am-12:00pm (TWS 0241)
W 2:00pm-5:00pm (TWS 0231) Lab
0104 **(49049)** Kriebs, D.
TuTh 11:00am-12:00pm (TWS 0241)
Th 2:00pm-5:00pm (TWS 0231) Lab

THET185 Makeup; (2) REG/P-F/AUD.
0101 **(49059)** STAFF
MW 10:00am-11:50am (Arranged)

THET221 *(PermReq)* **Speech For the Stage; (3)** REG/P-F/AUD. *Prerequisites: THET 120 and by audition and permission of department.*
0101 **(49069)** Naden, M.
MW 1:00pm-2:50pm (TWS 1228) Lab

THET273 *(PermReq)* **Scenographic Techniques; (3)** REG/P-F/AUD. *Prerequisite: THET ~~0 and permission of department.*
0101 **(49079)** STAFF
TuTh 10:00am-11:50am (TWS 1208) Lab

THET291 American Theatre 1890-Present; (3) REG/P-F/AUD. CORE: HA *Formerly THET 310.*
0101 **(49089)** Anthony, M.
MW 11:00am-11:50am (SQH 1120)
W 12:00pm-12:50pm (TWS 0147) Lab
0102 **(49090)** Anthony, M.
MW 11:00am-11:50am (SQH 1120)
W 1:00pm-1:50pm (TWS 0135) Lab
0104 **(49092)** Anthony, M.
MW 11:00am-11:50am (SQH 1120)
F 11:00am-11:50am (ARC 1121) Lab

THET293 Black Theatre and Performance I: Late Nineteenth Century to the 1960's; (3) REG. DIVERSITY *Sophomore standing.*
0101 **(49102)** Reese, S.
TuTh 9:00am-10:50am (TWS 1228)

THET320 *(PermReq)* **Acting II; (3)** REG. *Prerequisites: THET 111; and THET 120; and by audition and permission of department.*
0101 **(49112)** Hebert, M.
TuTh 9:00am-10:50am (TWS 0241)

THET330 *(PermReq)* **Play Directing I; (3)** REG/P-F/AUD. *Prerequisites: THET 111 and THET 120 and THET ~~0 and permission of department.*
0101 **(49122)** Reese, S.
MW 10:00am-11:50am (TWS 0241) Lab

THET386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

THET420 *(PermReq)* **Acting III; (3)** REG/P-F/AUD. *Prerequisites: THET 221 and THET 320 and by audition and permission of department.*
0101 **(49144)** Hebert, M.
TuTh 1:00pm-2:50pm (TWS 0241)

THET429 *(PermReq)* **Actor's Studio; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

THET430 *(PermReq)* **Play Directing II; (3)** REG/P-F/AUD. *Prerequisite: THET 330 or permission of department.*
0101 **(49159)** STAFF
MW 2:00pm-4:00pm (TWS 0138) Lab

THET441 *(PermReq)* **Screenwriting for TV and Film II; (3)** REG/P-F/AUD. *Prerequisite: Screenwriting I. Not open to students who have completed RTVF 42~/62~ or THET 42~/62~.* or THET 499D.
0101 **(49169)** Coustaut, C.
MW 1:00pm-2:50pm (TWS 0131)

THET471 *(PermReq)* **Scenic Design II; (3)** REG/P-F/AUD. *Prerequisite: THET 3~5 and permission of department.*
0101 **(49179)** Conway, D.
MW 10:00am-11:50am (TWS 1208) Lab

THET473 Scene Painting; (3) REG/P-F/AUD. *Prerequisite: THET ~~0 or permission of department.*
0101 **(49189)** Allen, M.
F 9:00am-12:50pm (TWS 1208)

THET475 *(PermReq)* **Period Style for the Theatre: Fashion and Decor; (3)** REG/P-F/AUD. *Prerequisites: THET ~~0 and permission of department.*
0101 **(49199)** STAFF
MW 2:00pm-3:15pm (TWS 2212)

THET477 *(PermReq)* **Lighting Design II; (3)** REG/P-F/AUD. *Prerequisites: THET 4~6; and permission of department.*
0101 **(49209)** Wagner, D.
TuTh 1:00pm-2:50pm (TWS 1208)
Time and room to be arranged Lab

THET479 *(PermReq)* **Theater Workshop; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET486 Stage Costume Construction I; (3) REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(49460)** Krostyne, M.
MW 9:00am-11:50am (TWS 1218)

THET487 *(PermReq)* **Stage Costume Construction II; (3)** REG. *Prerequisite: THET 486 or permission of department.*
0101 **(49223)** Krostyne, M.
MW 9:00am-11:50am (TWS 1218)

THET491 *(PermReq)* **History of the Theatre: Late Seventeenth to Mid-Nineteenth Century; (3)** REG/P-F/AUD. *Prerequisite: THET 490.*
0101 **(49233)** Schuler, C.
TuTh 11:00am-1:00pm (TWS 0147)

THET496 African-American Women Filmmakers; (3) REG/P-F/AUD. DIVERSITY *Also offered as WMST 496. Credit will be granted for only one of the following: THET 496 or WMST 496.* Also offered as AASP478M, CMLT488J and WMST496.
0101 **(49243)** Coustaut, C.
MW 9:00am-10:50am (TWS 0147)

THET499 *(PermReq)* **Independent Study; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET499B *(PermReq)* **Independent Study: Advanced Stagecraft; (3)** REG/P-F/AUD. Permission of department required.
0101 **(49266)** Kriebs, D.
TuTh 9:00am-11:00am (TWS 0138)

THET499M *(PermReq)* **Independent Study: Discovering Character Through Masks; (3)** REG/P-F/AUD. Audition and permission of department required.
0101 **(49276)** Hebert, M.
F 10:00am-12:50pm (TWS 1228)

THET660 Theatre Management; (3) REG/AUD.
0101 **(49297)** Patterson, W.
Th 3:30pm-6:00pm (TWS 0154)

THET669 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET669D *(PermReq)* **Independent Study: Screenwriting for TV and Film II; (3)** REG/AUD. Prerequisite: Screenwriting I.
0101 **(49320)** Coustaut, C.
MW 1:00pm-2:50pm (TWS 0131)

THET669T *(PermReq)* **Independent Study: Technical Design; (3)** REG/AUD.
0101 **(49330)** Krostyne, M.
Time and room to be arranged

THET672 Theory of Visual Design in Scenery; (3) REG/AUD.
0101 **(49340)** Conway, D.
Time and room to be arranged

THET675 Theory of Visual Design in Lighting; (3) REG/AUD.
0101 **(49350)** Wagner, D.
Time and room to be arranged

THET698B Seminar: Theatre History: Ritual, Theatre and Performance; (3) REG/AUD. Also offered as MUSC 679B.
0101 **(51723)** Robertson, C.
W 3:30pm-6:00pm (TWS 2208)

THET711 Critical Research Methods in Theatre; (3) REG/AUD. *Prerequisite: THET ~00. Formerly PCOM ~11.*
0101 **(49380)** Schuler, C.
Tu 4:00pm-6:30pm (TWS 0154)

THET788 Master's Tutorial; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET789 *(PermReq)* **Master's Practicum; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

THET888 *(PermReq)* **Doctoral Practicum in Theatre; (3-9)** REG. Individual Instruction course: contact department or instructor to obtain section number.

THET889 *(PermReq)* **Doctoral Tutorial in Theatre; (3-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

THET899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

TOXI Toxicology
(Life Sciences)

TOXI609 Methods in Toxicology: Methods in Toxicology; (1-3) REG/AUD.
0101 **(49487)** Nelson, J.
Time and room to be arranged

TOXI799 Masters Thesis Research: Masters Thesis Research; (1-6) REG/S-F.
0101 **(49497)** Nelson, J.
Time and room to be arranged

TOXI899 Doctoral Dissertation Research: Doctoral Dissertation Research; (1-8) REG/S-F.
0101 **(49507)** Nelson, J.
Time and room to be arranged

UMEI Maryland English Institute
(Arts and Humanities)

UMEI001 *(PermReq)* **English as a Foreign Language: Beginning; (12)** S-F. See Director, UMEI, 2140 Taliaferro. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49557)** Lipowitz, H.
MWF 1:00pm-3:00pm (PLS 1172)
MWF 11:00am-12:00pm (Arranged)
TuTh 11:00am-12:00pm (EDU 1210B)
TuTh 1:00pm-3:00pm (JMZ 1109)
MTuWThF 9:00am-11:00am (EDU 0210)

UMEI002 *(PermReq)* **English as a Foreign Language: Intermediate I; (12)** S-F. See Director, UMEI, 2140 Taliaferro. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49567)** Kamibeppu, M.
MWF 9:00am-12:00pm (COL 3114)
TuTh 9:00am-12:00pm (JMZ 3205)
MWF 2:00pm-3:00pm (COL 3114)
TuTh 2:00pm-3:00pm (HBK 0123)

UMEI003 *(PermReq)* **English as a Foreign Language: Intermediate II; (12)** S-F. See Director, UMEI, 2140 Taliaferro. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes.
0101 **(49577)** Richard, L.
MWF 10:00am-12:00pm (ARM 0105)
TuTh 10:00am-12:00pm (Arranged)
MW 1:00pm-3:00pm (COL 3111)
TuTh 1:00pm-3:00pm (MTH B0431)
0102 **(49578)** Lipowitz, H.
MWF 1:00pm-3:00pm (PLS 1115)
TuTh 1:00pm-3:00pm (PLS 1146)
MWF 10:00am-12:00pm (ARM 0120)
TuTh 10:00am-12:00pm (CHE 2118)

UMEI004 *(PermReq)* **English as a Foreign Language: Intermediate III; (12)** S-F. See Director, UMEI, 2140 Taliaferro. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes.
0101 **(49588)** Butler, M.
MWF 9:00am-11:00am (JMP 1109)
TuTh 9:00am-11:00am (JMZ 1120)
MWF 1:00pm-3:00pm (ARM 0120)
TuTh 1:00pm-3:00pm (ARC 1121)
0102 **(49589)** Liakos, N.
MWF 9:00am-11:00am (MTH B0431)
TuTh 9:00am-11:00am (JMZ 1109)
MW 1:00pm-3:00pm (ASY 3221)
TuTh 1:00pm-3:00pm (JMZ 1104)
F 1:00pm-3:00pm (PLS 1119)
0103 **(49590)** Kilday, K.
TuTh 9:00am-11:00am (JMZ 1117)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

UMEI005 Advanced English as a Foreign Language; (3) S-F. See Director, UMEI, 2140 Taliaferro. Undergraduate student also required to enroll in two courses not to exceed eight hours. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes.
0101 **(49600)** Jastad, J.
MWF 10:00am-12:00pm (EGR 0102)
TuTh 10:00am-12:00pm (ARM 0119)
0401 **(49602)** Sahin, L.
MWF 9:00am-11:00am (HBK 1112)
TuTh 9:00am-11:00am (JMZ 1123)

UMEI006 English Pronunciation; (2) S-F. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes.
0102 **(49613)** Widmayer, S.
TuTh 11:00am-12:30pm (JMZ 2102)

UMEI007 Advanced Writing for International Students; (3) S-F. *Open to graduate students only. Special fee. This course does not carry credit towards any degree at the University and does not count in the retention plan.* See Director, UMEI, 2140 Taliaferro. See financial section in Schedule of Classes for information.
0101 **(49623)** Kameras, B.
TuTh 12:00pm-2:00pm (JMZ 1211)

UMEI008 Advanced Oral Communication Skills; (2) S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49634)** Kamibeppu, M.
MW 1:00pm-3:00pm (Arranged)

UNIV World Courses (Undergraduate Studies)

UNIV148A Topics in Cultural Perspectives: The Individual vs. Society in China and the United States; (3) REG/P-F/AUD. CORE: HO DIVERSITY Students will receive CORE Distributive Studies credit for only one of the following: HO or SB.
0101 **(49684)** STAFF
MW 9:00am-9:50am (JMZ 0220)
F 10:00am-11:15am (PHY 1221) Dis
0102 **(49685)** STAFF
MW 9:00am-9:50am (JMZ 0220)
F 10:00am-11:15am (MTH B0425) Dis
0103 **(49686)** STAFF
MW 9:00am-9:50am (JMZ 0220)
F 11:00am-12:15pm (MTH 0304) Dis
0104 **(49687)** STAFF
MW 9:00am-9:50am (JMZ 0220)
F 11:00am-12:15pm (EGR 1106) Dis
0105 **(49688)** STAFF
MW 9:00am-9:50am (JMZ 0220)
F 9:00am-10:15am (MTH 0304) Dis
0106 **(49689)** STAFF
MW 9:00am-9:50am (JMZ 0220)
F 12:00pm-1:15pm (MTH 0101) Dis

UNIV158A Topics in Communication: Communication in the Information Age; (3) REG/P-F/AUD. CORE: HO
0101 **(49699)** STAFF
TuTh 2:00pm-2:50pm (KEY 0106)
F 8:00am-9:15am (EGR 1102) Dis
0102 **(49700)** STAFF
TuTh 2:00pm-2:50pm (KEY 0106)
F 11:00am-12:15pm (EGR 2112) Dis
0103 **(49701)** STAFF
TuTh 2:00pm-2:50pm (KEY 0106)
F 1:00pm-2:15pm (MTH 0411) Dis
0104 **(49702)** STAFF
TuTh 2:00pm-2:50pm (KEY 0106)
M 9:00am-10:15am (ARC 1103) Dis
0105 **(49703)** STAFF
TuTh 2:00pm-2:50pm (KEY 0106)
M 9:00am-10:15am (ARC 1105) Dis
0106 **(49704)** STAFF
TuTh 2:00pm-2:50pm (KEY 0106)
M 10:30am-11:45am (LEF 1221) Dis
0107 **(49705)** STAFF
TuTh 2:00pm-2:50pm (KEY 0106)
M 10:30am-11:45am (ZOP 1238) Dis
0108 **(49706)** STAFF
TuTh 2:00pm-2:50pm (KEY 0106)
M 12:00pm-1:15pm (HJP 1229) Dis
0109 **(49707)** STAFF
TuTh 2:00pm-2:50pm (KEY 0106)
M 12:00pm-1:15pm (ARM 0101) Dis

URSP Urban Studies and Planning (Architecture)

URSP100 Challenge of the Cities; (3) REG/P-F/AUD. CORE: SB *Formerly URBS 100.*
0101 **(49817)** Levin, M.
TuTh 12:30pm-1:45pm (LEF 2208)
0201 **(49818)** Cohen, J.
TuTh 3:00pm-4:30pm (ARC 1121)

URSP3991 *(PermReq)* **Independent Study; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP488A Selected Topics in Urban Studies and Planning: Leadership and Community Organizing; (3) REG.
0101 **(49968)** Rogers, J.
Time and room to be arranged

URSP601 Research Methods; (3) REG/AUD. *Prerequisite: approved statistics course or permission of instructor. Recommended: URSP 600. Formerly URBS 601.*
0101 **(49846)** Chen, A.
Th 4:00pm-6:30pm (LEF 1222)

URSP604 The Planning Process; (3) REG/AUD. *Credit will be granted for only one of the following: URSP 604, URBS 656 or URBS 604. Formerly URBS 604.*
0101 **(49856)** Brower, S.
M 7:00pm-9:30pm (LEF 1222)

URSP640 Growth Management and Environmental Planning; (3) REG/AUD.
0101 **(49866)** Cohen, J.
W 4:00pm-6:30pm (LEF 1221)

URSP660 Function and Structure of Metropolitan Areas; (3) REG/AUD. *Formerly URBS 660.*
0101 **(49876)** Marcus, L.
W 7:00pm-9:30pm (LEF 1221)

URSP666 Urban Management: Personnel, Budgeting and Planning; (3) REG/AUD. *Formerly URBS 666.*
0101 **(49886)** Levin, M.
M 4:00pm-6:30pm (LEF 1220)

URSP6881 Recent Developments in Urban Studies: History of Housing; (3) REG/AUD.
0101 **(49896)** Gournay, I.
F 9:30am-12:30pm (ARC 1127)

URSP688M Recent Developments in Urban Studies: Mapping Urban Form; (3) REG/AUD.
0101 **(49906)** Chen, A.
Th 7:00pm-9:30pm (LEF 0135)

URSP688P Recent Developments in Urban Studies: Planning and Organizing the Urban Neighborhood; (3) REG/AUD.
0101 **(49916)** Brower, S.
Th 6:00pm-8:30pm (ARC 1123)

URSP688Q Recent Developments in Urban Studies: Economic Determinants in Architecture; (3) REG/AUD.
0101 **(51719)** Hill, J.
M 7:00pm-10:00pm (ARC 1121)

URSP703 *(PermReq)* **Community Planning Field Instruction and Practicum; (3-6)** REG. *Prerequisites: URSP 600, URSP 601, URSP 604, URSP 605 or permission from the Program. For MCP majors only. Formerly URBS 703.*
0101 **(49926)** Baum, H.
Tu 7:00pm-9:30pm (LEF 1222)

URSP704 *(PermReq)* **Community Planning Studio; (6)** REG/AUD. *Prerequisites: URSP 600, URSP 601, URSP 604, URSP 605, and permission of the Program. Formerly URBS 704.*
0101 **(49936)** Hanna, W.
W 1:00pm-6:00pm (LEF 1220)
W 9:30am-12:30pm (HBK 0115) Lab
Sa 10:00am-1:00pm (LEF 0135) Dis
0102 **(49937)** Hanna, W.
W 1:00pm-6:00pm (LEF 1220)
W 7:00pm-10:00pm (ARC 1123) Lab
Sa 10:00am-1:00pm (LEF 0135) Dis

URSP788 *(PermReq)* **Independent Study in Urban Studies and Planning; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP798 *(PermReq)* **Readings in Urban Studies and Planning; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

WMST Women's Studies (Arts and Humanities)

Both WMST 200 and 250 serve as introductory courses for WMST and may be required before taking some advanced courses with a WMST prefix.

WMST200 Introduction to Women's Studies: Women and Society; (3) REG/P-F/AUD. CORE: SB DIVERSITY A third hour of discussion will be arranged for section 0101.
0101 **(50017)** Matthes, M.
MW 11:00am-11:50am (WDS 1114)
Time and room to be arranged Dis
0201 **(50018)** Goldberg, J.
TuTh 12:30pm-1:45pm (PLS 1113)
0301 **(50019)** Goldberg, J.
TuTh 3:00pm-4:15pm (WDS 1130)

WMST211 Women in America Since 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 211. Credit will be granted for only one of the following: WMST 211 or HIST 211.*
0101 **(50029)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
M 9:00am-9:50am (ARC 1101) Dis
0102 **(50030)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
M 1:00pm-1:50pm (ASY 3217) Dis
0103 **(50031)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
Tu 9:00am-9:50am (COL 3110) Dis
0104 **(50032)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
Tu 10:00am-10:50am (EGR 2112) Dis
0105 **(50033)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
Tu 11:00am-11:50am (ARM 0118) Dis
0106 **(50034)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
W 9:00am-9:50am (ARC 1123) Dis
0107 **(50035)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
W 10:00am-10:50am (ARC 1123) Dis
0108 **(50036)** Chirhart, A.
MW 11:00am-11:50am (KEY 0106)
Th 9:00am-9:50am (JMZ 2207) Dis

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3) REG/P-F/AUD. CORE: HA DIVERSITY A third hour for discussion will be arranged for section 0101.
0201 **(50051)** Child, E.
TuTh 9:30am-10:45am (TYD 2102)
0301 **(50052)** Child, E.
TuTh 12:30pm-1:45pm (TLF 1103)
0401 **(50053)** Kelley, H.
MWF 10:00am-10:50am (WDS 1130)
0501 **(50054)** Kelley, H.
MWF 1:00pm-1:50pm (WDS 1130)
0601 **(50055)** McCormick, A.
TuTh 11:00am-12:15pm (WDS 1130)
0701 **(50056)** Auther, E.
TuTh 2:00pm-3:15pm (WDS 1114)

WMST250H Introduction to Women's Studies: Women, Art and Culture; (3) REG/P-F/AUD. CORE: HA DIVERSITY Restricted to Honors Humanities and general honors students.
0101 **(50057)** King, K.
TuTh 11:00am-11:50am (WDS 1114)
Time and room to be arranged Dis

WMST255 Introduction to Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as ENGL 250. Credit will be granted for only one of the following: WMST 255 or ENGL 250.*
0101 **(50066)** Taylor, D.
TuTh 2:00pm-3:15pm (TLF 1103)
0201 **(50067)** STAFF
MWF 1:00pm-1:50pm (SQH 1101)
0301 **(50068)** Breakstone, C.
TuTh 11:00am-12:15pm (PLS 1117)
0401 **(50069)** STAFF
MWF 11:00am-11:50am (SQH 2122)
0501 **(50070)** Terchek, M.
MWF 9:00am-9:50am (SQH 2122)
0601 **(50071)** Vetter, L.
TuTh 9:30am-10:45am (LEF 1220)
0701 **(50072)** Breakstone, C.
TuTh 12:30pm-1:45pm (SQH 2122)
0801 **(20234)** Williams, G.
TuTh 11:00am-12:15pm (TYD 0111)

WMST275 World Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as CMLT 275. Credit will be granted for only one of the following: WMST 275 or CMLT 275.*
0101 **(50082)** Shah, M.
TuTh 2:00pm-3:15pm (PLS 1119)
0201 **(50083)** Prime, M.
TuTh 11:00am-12:15pm (COL 3112)
0301 **(50084)** Voloshen, L.
MW 9:30am-10:45am (JRN 1105)
0401 **(50085)** Voloshen, L.
MW 12:30pm-1:45pm (SQH 1121)
0501 **(09457)** Parker, M.
TuTh 9:30am-10:45am (SQH 2122)

WMST298A Special Topics in Women's Studies: Introduction to Black Women's Studies; (3) REG/P-F/AUD.
0101 **(50095)** Barkley Brown, E.
MW 2:00pm-3:15pm (WDS 0104)

WMST298B Special Topics in Women's Studies: Women in Music; (3) REG/P-F/AUD.
0101 **(50105)** Beicken, S.
TuTh 2:00pm-3:15pm (TWS 2123)

WMST320 Women in Classical Antiquity; (3) REG/P-F/AUD. DIVERSITY *Also offered as CLAS 320. Credit will be granted for only one of the following: WMST 320 or CLAS 320.*
0101 **(50125)** Doherty, L.
MWF 2:00pm-2:50pm (ARM 0105)

WMST325 The Sociology of Gender; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: 3 credits of sociology. Also offered as SOCY 325. Credit will be granted for only one of the following: WMST 325 or SOCY 325.*
0101 **(50149)** Malhotra, A.
TuTh 12:30pm-1:45pm (ASY 3207)
0201 **(50150)** Hunt, J.
TuTh 9:30am-10:45am (ASY 1213)
0301 **(50151)** Moore, L.
MWF 12:00pm-12:50pm (ASY 2309)

WMST336 Psychology of Women; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Also offered as PSYC 336. Credit will be granted for only one of the following: WMST 336 or PSYC 336.*
0101 **(50161)** Goodman, L.
MW 8:00am-9:15am (ZOP 1243)

WMST348C Literary Works by Women: Literature by Women: Women in the Plantation Household; (3) REG/P-F/AUD. DIVERSITY
0101 **(50171)** Ryan, L.
TuTh 12:30pm-1:45pm (SQH 1101)

WMST348D Literary Works by Women: Science Fiction by Women; (3) REG/P-F/AUD. DIVERSITY
0101 **(50181)** Donawerth, J.
TuTh 9:30am-10:45am (SQH 1117)

WMST348L Literary Works by Women: Contemporary Fiction by Women; (3) REG/P-F/AUD. DIVERSITY
0101 **(50191)** Leonardi, S.
TuTh 11:00am-12:15pm (HBK 0105)

WMST350 *(PermReq)* **Feminist Pedagogy; (6)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(50201)** King, K.
Time and room to be arranged
0201 **(50202)** Matthes, M.
Time and room to be arranged

WMST380 *(PermReq)* **Feminist Analysis of the Workplace; (6)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(50212)** Allahyari, R.
Th 2:00pm-4:30pm (WDS 1127)

WMST400 Theories of Feminism; (3) REG/P-F/AUD. *Prerequisite: one course in WMST or a course crosslisted with a WMST course.*
0101 **(50222)** Ransom, L.
TuTh 11:00am-12:15pm (WDS 1127)

WMST444 Feminist Critical Theory; (3) REG/P-F/AUD. *Prerequisite: ENGL 250 or WMST 200 or WMST 250. Also offered as ENGL 444. Credit will be granted for only one of the following: WMST 444 or ENGL 444.*
0101 **(50232)** Chuh, K.
MWF 1:00pm-1:50pm (SQH 2122)

WMST452 Women in the Media; (3) REG/P-F/AUD. DIVERSITY *Also offered as JOUR 452. Credit will be granted for only one of the following: WMST 452 or JOUR 452.*
0101 **(50242)** Robertson, N.
TuTh 11:00am-12:15pm (JRN 1104)

WMST471 Women's Health; (3) REG/P-F/AUD. DIVERSITY *Also offered as HLTH 471. Credit will be granted for only one of the following: WMST 471 or HLTH 471.*
0101 **(50252)** Schulken, E.
TuTh 9:30am-10:45am (HHP 1302)
0201 **(50253)** Reynolds, M.
MW 12:00pm-1:15pm (HHP 1312)
0301 **(50254)** Reynolds, M.
TuTh 12:30pm-1:45pm (HHP 1301)

WMST488R *(PermReq)* **Senior Seminar: Reading and Writing Women's Lives; (3)** REG/P-F/AUD.
0101 **(50264)** Bolles, A.
W 2:00pm-4:30pm (WDS 1130)

WMST492 History of the American Sportswoman: Institutions and Issues; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: KNES 293. Also offered as KNES 492. Credit will be granted for only one of the following: WMST 492 or KNES 492.*
0101 **(50274)** Struna, N.
TuTh 8:00am-9:15am (HHP 1302)

WMST496 African-American Women Filmmakers; (3) REG/P-F/AUD. DIVERSITY *Also offered as THET 496. Credit will be granted for only one of the following: WMST 496 or THET 496.*
0101 **(50284)** Coustaut, C.
MW 9:00am-10:50am (TWS 0147)

WMST498A Advanced Special Topics in Women's Studies: Women in Scandinavian Literature; (3) REG/P-F/AUD.
0101 **(50294)** Oster, R.
M 3:00pm-5:30pm (JMZ 1103)

WMST498B Special Topics In Women's Studies: Women in Medieval Culture and Society; (3) REG/P-F/AUD. DIVERSITY
0101 **(50304)** Bedos-Rezak, B.
TuTh 9:30am-10:45am (LEF 1221)

WMST498E Advanced Special Topics in Women's Studies: Women and the Civil Rights Movement; (3) REG/P-F/AUD.
0101 **(50324)** Barkley Brown, E.
MW 12:30pm-1:45pm (KEY 0126)

WMST498F Advanced Special Topics in Women's Studies: Victorian Women in England, France, and the United States; (3) REG/P-F/AUD. DIVERSITY
0101 **(50334)** Gullickson, G.
TuTh 11:00am-12:15pm (KEY 2119)

WMST498G Advanced Special Topics in Women's Studies: Music and Gender; (3) REG/P-F/AUD. Also offered as WMST 698G, MUSC 448C, and MUSC 679C.
0101 **(51792)** Sandstrom, B.
Tu 3:30pm-6:00pm (TWS 2208)

WMST498W Advanced Special Topics in Women's Studies: Cultural Construction of Passion: History of Sexuality in America; (3) REG/P-F/AUD.
0101 **(50344)** Lyons, C.
TuTh 9:30am-10:45am (KEY 0121)

WMST499 *(PermReq)* **Independent Study; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

WMST611 Power, Gender, and the Spectrum of Difference; (3) REG/AUD. *Prerequisite: WMST 400 or permission of department.*
0101 **(50363)** Bolles, A.
M 2:00pm-4:30pm (WDS 1127)

WMST621 Women's Studies Across the Disciplines; (3) REG/AUD. *Prerequisite: WMST 400 or permission of department.*
0101 **(50373)** King, K.
Th 2:00pm-4:30pm (WDS 0104)

WMST698B *(PermReq)* **Special Topics in Women's Studies: Women, Nation, Novel; (3)** REG/AUD.
0101 **(50393)** Peterson, C.
Tu 3:30pm-6:00pm (SQH 2122)

WMST698C *(PermReq)* **Special Topics in Women's Studies: Women of Power; (3)** REG/AUD.
0101 **(51737)** Fuegi, J.
M 6:30pm-9:00pm (SQH 1101)

WMST698G Special Topics in Women's Studies: Music and Gender; (3) REG/AUD. Also offered as WMST 498G, MUSC 448C, and MUSC 679C.
0101 **(51793)** Sandstrom, B.
Tu 3:30pm-6:00pm (TWS 2208)

WMST699 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL Zoology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

The Zoology Department enforces course prerequisites. Students who do not meet the course prerequisites will be administratively dropped from the course.

ZOOL202 Human Anatomy and Physiology II; (4) REG/P-F. *Prerequisite: ZOOL 201 or permission of department.*
0101 **(50460)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 10:00am-1:00pm (ZOP 0205) Lab
0102 **(50461)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 1:00pm-4:00pm (ZOP 0205) Lab
0103 **(50462)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 4:00pm-7:00pm (ZOP 0205) Lab
0104 **(50463)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 7:00pm-10:00pm (ZOP 0205) Lab
0105 **(50464)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 8:00am-11:00am (ZOP 0205) Lab
0106 **(50465)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 11:00am-2:00pm (ZOP 0205) Lab

(ZOOL202 cont'd)

0107 **(50466)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 2:00pm-5:00pm (ZOP 0205) Lab

0108 **(50467)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 10:00am-1:00pm (ZOP 0205) Lab

0109 **(50468)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 1:00pm-4:00pm (ZOP 0205) Lab

0110 **(50469)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 4:00pm-7:00pm (ZOP 0205) Lab

0111 **(50470)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 8:00am-11:00am (ZOP 0205) Lab

0112 **(50471)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 11:00am-2:00pm (ZOP 0205) Lab

0113 **(50472)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 2:00pm-5:00pm (ZOP 0205) Lab

0114 **(50473)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
F 10:00am-1:00pm (ZOP 0205) Lab

0115 **(50474)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
F 1:00pm-4:00pm (ZOP 0205) Lab

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8101 **(*****)** STAFF
TuTh 6:00pm-7:15pm (ZOP 1243)
Tu 7:30pm-10:30pm (ZOP 0205) Lab

Section 8101 is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941 or email: evening@life.umd.edu

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ZOOL210 Animal Diversity; (4) REG/P-F/AUD. CORE: LL
Prerequisite: BIOL 106.

0101 **(50485)** Reaka-Kudla, M.
TuTh 9:30am-10:45am (ZOP 1250)
M 11:00am-2:00pm (ZOP 0257) Lab

0102 **(50486)** Reaka-Kudla, M.
TuTh 9:30am-10:45am (ZOP 1250)
M 2:00pm-5:00pm (ZOP 0257) Lab

0103 **(50487)** Reaka-Kudla, M.
TuTh 9:30am-10:45am (ZOP 1250)
Tu 11:00am-2:00pm (ZOP 0257) Lab

0104 **(50488)** Reaka-Kudla, M.
TuTh 9:30am-10:45am (ZOP 1250)
Tu 2:00pm-5:00pm (ZOP 0257) Lab

ZOOL211 Cell Biology and Physiology; (4) REG/P-F/AUD.
Prerequisites: BIOL 105; and CHEM 103.

0101 **(50498)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
M 8:30am-11:30am (ZOP 0207) Lab

0102 **(50499)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
M 2:00pm-5:00pm (ZOP 0207) Lab

0103 **(50500)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Tu 9:30am-12:30pm (ZOP 0207) Lab

0104 **(50501)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Tu 2:00pm-5:00pm (ZOP 0207) Lab

0105 **(50502)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Tu 6:00pm-9:00pm (ZOP 0207) Lab

0106 **(50503)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
W 8:30am-11:30am (ZOP 0207) Lab

0107 **(50504)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
W 2:00pm-5:00pm (ZOP 0207) Lab

0108 **(50505)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Th 9:30am-12:30pm (ZOP 0207) Lab

0109 **(50506)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Th 2:00pm-5:00pm (ZOP 0207) Lab

0110 **(50507)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)
F 8:30am-11:30am (ZOP 0207) Lab

1101 **(50508)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
M 9:00am-12:00pm (ZOP 0213) Lab

1102 **(50509)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
M 2:00pm-5:00pm (ZOP 0213) Lab

1103 **(50510)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
Tu 11:00am-2:00pm (ZOP 0213) Lab

1104 **(50511)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
Tu 2:30pm-5:30pm (ZOP 0213) Lab

1105 **(50512)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
Tu 6:00pm-9:00pm (ZOP 0213) Lab

1106 **(50513)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
W 9:00am-12:00pm (ZOP 0213) Lab

1107 **(50514)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
W 2:00pm-5:00pm (ZOP 0213) Lab

1108 **(50515)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
Th 11:00am-2:00pm (ZOP 0213) Lab

1109 **(50516)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
Th 2:30pm-5:30pm (ZOP 0213) Lab

1110 **(50517)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)
F 9:00am-12:00pm (ZOP 0213) Lab

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8101 **(*****)** STAFF
TuTh 6:00pm-7:15pm (ZOP 1250)
Th 7:30pm-10:30pm (ZOP 0213) Lab

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ZOOL211M Cell Biology and Physiology; (4) REG/P-F/AUD. *Prerequisites: BIOL 105; and CHEM 103.* Prerequisite: ZOOL 211 taken within 12 months prior to the semester in which ZOOL 211M is taken. A student is eligible to take this course only if the total lab score received in ZOOL 211 the last time it was taken was at least 80% of the total points possible. These scores will count as part of the grade in ZOOL 211M.

0101 **(50528)** Payne, R.
MWF 12:00pm-12:50pm (ZOP 1240)

1101 **(50529)** Compton, R.
TuTh 9:30am-10:45am (ZOP 1240)

ZOOL299 *(PermReq)* **Supplemental Study in Zoology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL308H Honors Seminar; (1) REG/P-F/AUD. Prerequisite: participation in Zoology Departmental honors program.

0101 **(50575)** Sebens, K.
Tu 3:30pm-4:30pm (ZOP 2277)

ZOOL309H *(PermReq)* **Honors Independent Study; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in zoology departmental honors program.

ZOOL312 The Biology of Conservation and Extinction; (3) REG/P-F/AUD. *Prerequisite: BIOL 106.* Acceptable toward Biological Sciences specialization areas: EEBB, ZOOL, BGEN, BEES, and GENB.

0101 **(50619)** Inouye, D.
MWF 1:00pm-1:50pm (ZOP 1250)

ZOOL318H *(PermReq)* **Honors Research; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in zoology departmental honors program.

ZOOL319 *(PermReq)* **Special Problems in Zoology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, permission of instructor and department.

ZOOL322 Eukaryotic Genetics Laboratory; (2) REG/P-F/AUD. *Prerequisite: BIOL 222 or equivalent. Also offered as BIOL 322. Credit will be granted for only one of the following: ZOOL 213, BIOL 322 or ZOOL 322.* Acceptable toward Biological Sciences Specialization Areas: ZOOL, CMBG, BGEN and GENB. This course is now offered in a new discussion/lab format. Addditional lab time (at least one hour per week) is also required.

0101 **(50693)** Tanda, S.
M 10:00am-10:50am (ZOP 1236)
Tu 11:00am-2:00pm (ZOP 0201) Lab

0102 **(50694)** Tanda, S.
M 10:00am-10:50am (ZOP 1236)
W 10:00am-1:00pm (ZOP 0201) Lab

ZOOL328F Selected Topics in Zoology: Vertebrate Form and Function; (3) REG/P-F/AUD. Prerequisites: BIOL 105, BIOL 106 and (ZOOL 210 or ZOOL 211). Acceptable toward Biological Sciences specialization areas: PHNB (ancillary course), ZOOL, EEBB, MARB (elective), BEES, GENB, and BGEN.

0101 **(50705)** Infantino, R.
TuTh 9:30am-10:45am (PLS 1119)

ZOOL328M Selected Topics in Zoology: Mammalogy; (3) REG/P-F/AUD. Prerequisite: BIOL 106. Acceptable toward Biological Sciences specialization areas: EEBB, ZOOL, PHNB (ancillary course), BGEN (non-lab), BEES and GENB.

0101 **(50715)** Thompson, K.
TuTh 12:30pm-1:45pm (PLS 1140)

ZOOL328N Selected Topics in Zoology: Introduction to Ecology; (4) REG/P-F/AUD. Prerequisites: BIOL 106 and {MATH 113 or MATH 115 or higher}. Applies to Biological Sciences Specialization areas: ZOOL, EEBB, BEES, GENB, and BGEN. This course does not count for an upper level lab for BIOL majors.

0101 **(50725)** Abrams, P.
TuTh 12:30pm-1:45pm (PLS 1130)
M 1:00pm-2:00pm (ZOP 1234) Dis

0102 **(50726)** Abrams, P.
TuTh 12:30pm-1:45pm (PLS 1130)
M 2:00pm-3:00pm (ZOP 1234) Dis

ZOOL328P Selected Topics in Zoology: Hormones and Behavior; (3) REG/P-F/AUD. Prerequisite: ZOOL 326. Acceptable towards Biological Sciences specialization areas: ZOOL, PHNB, BGEN, and GENB. This course will be team taught by Dr. C. DeVries and Dr. Sue Carter.

0101 **(50737)** DeVries, A.
MW 9:00am-10:15am (ZOP 1238)

ZOOL328Q Selected Topics in Zoology: Introduction to Evolution; (3) REG/P-F/AUD. Prerequisite: BIOL 106. Applies to BIOL Specialization Areas: MARB (Diversity/Evol. category), BEES (Area B), EEBB, ZOOL, BGEN and GENB (Area B).

0101 **(50747)** Mueller, U.
TuTh 11:00am-12:15pm (PLS 1119)

ZOOL328R Selected Topics in Zoology: Biological Oceanography Laboratory; (2) REG/P-F/AUD. Pre- or Co-Requisite: ZOOL 375. Applies to BIOL Specialization Areas: MARB (Oceanog. category), BEES (elective), EEBB, ZOOL, BGEN and GENB (Area B). Registration priority will be given to Biological Sciences-Marine Biology majors. Any remaining available seats will be released at the end of pre-registration.

0101 **(50757)** Sebens, K.
Th 2:00pm-6:00pm (PLS 1181) Lab

ZOOL328T Selected Topics in Zoology: Developmental Genetics; (3) REG/P-F/AUD. Prerequisites: BIOL 222 and a course in either Cell Biology or Developmental Biology. Acceptable toward Biological Sciences specialization areas: ZOOL, CMBG, PHNB (ancillary course), BGEN, and GENB.

0101 **(50767)** Imberski, R.
TuTh 11:00am-12:15pm (ZOP 1238)

ZOOL328U Selected Topics in Zoology: Mammalogy Laboratory; (1) REG/P-F/AUD. Pre or co-requisite: ZOOL 328M Mammalogy. Applies to Biological Sciences Specialization: ZOOL, PHNB, EEBB, BGEN, BEES, and GENB.

0101 **(50777)** Thompson, K.
Tu 2:00pm-5:00pm (ZOP 0271) Lab

0201 **(50778)** Thompson, K.
Th 2:00pm-5:00pm (ZOP 0271) Lab

ZOOL328Z *(PermReq)* **Selected Topics in Zoology: Field Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the BIOL major requirements.

ZOOL329 *(PermReq)* **Instructional Assistance Practicum; (1-2)** REG/P-F/AUD.

5107 **(50843)** Compton, R.
Time and room to be arranged

ZOOL375 Biological Oceanography; (3) REG/P-F/AUD. *Prerequisites: BIOL 106 and ZOOL 210.* Acceptable toward Biological Sciences specialization areas: EEBB, MARB, ZOOL, BGEN, BEES, and GENB. Course is team taught by Dr. Margaret Palmer and Dr. Ken Sebens.

0101 **(50853)** Sebens, K.
TuTh 11:00am-12:15pm (ZOP 1243)

ZOOL390 Vertebrate Zoology; (3) REG/P-F/AUD. *Prerequisites: BIOL 106 and ZOOL 210 or permission of department.* Acceptable towards Biological Sciences specialization areas: MARB, BGEN, BEES, GENB, EEBB, and ZOOL.

0101 **(50863)** Highton, R.
TuTh 12:30pm-1:45pm (ZOP 1236)

ZOOL391 Vertebrate Zoology Field Trips; (1) REG/P-F/AUD. *Prerequisites: BIOL 106 and ZOOL 210 or permission of department. Corequisite: ZOOL 390.* All day Saturday field trips. Acceptable towards Biological Sciences specialization areas: MARB, BGEN, BEES, GENB, EEBB, and ZOOL.

0101 **(50873)** Highton, R.
Time and room to be arranged Lab

ZOOL402 Neural Systems; (3) REG/P-F/AUD. *Prerequisite: ZOOL 211.* Acceptable towards Biological Sciences specialization areas: BGEN, GENB, PHNB, and ZOOL.

0101 **(50893)** Kubke, M.
TuTh 5:00pm-6:15pm (ZOP 1238)

ZOOL410 Cell Biology Lectures; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and BIOL 222 and CHEM 233. Credit will be granted for only one of the following: ZOOL 410, ZOOL 411 or PBIO 400.* Applicable toward Biological Sciences specialization areas: PHNB, CMBG, ZOOL, BGEN, and GENB.

0101 **(50903)** Wolniak, S.
TuTh 8:00am-9:15am (PLS 1140)

ZOOL411 Cell Biology; (4) REG/P-F. *Prerequisites: ZOOL 211 and BIOL 222 and CHEM 233. Also offered as PBIO 400. Credit will be granted for only one of the following: ZOOL 410, ZOOL 411 or PBIO 400.* Acceptable toward Biological Sciences specialization areas: PHNB, CMBG, ZOOL, BGEN, and GENB.

0101 **(50913)** Wolniak, S.
TuTh 8:00am-9:15am (PLS 1140)
Tu 1:00pm-5:00pm (PLS 1171) Lab

0102 **(50914)** Wolniak, S.
TuTh 8:00am-9:15am (PLS 1140)
W 1:00pm-5:00pm (PLS 1171) Lab

0103 **(50915)** Wolniak, S.
TuTh 8:00am-9:15am (PLS 1140)
Th 1:00pm-5:00pm (PLS 1171) Lab

ZOOL416 Biology of Cancer; (3) REG/P-F/AUD. *Prerequisites: (ZOOL 211 and BIOL 222) or permission of department.* Acceptable toward Biological Sciences specialization areas: ZOOL, PHNB, CMBG, BGEN, and GENB.

0101 **(50925)** Ades, I.
TuTh 9:30am-10:45am (MCB 1207)

ZOOL422 Mammalian Physiology; (4) REG/P-F. *Prerequisites: ZOOL 211 and CHEM 233 or permission of department.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, MARB, BGEN, and GENB. This course will be team taught by Dr. W. Higgins and Dr. S. Sukharev. ZOOL 422 is a lecture/tutorial format course. The laboratory is offered separately as ZOOL 423.

2201 **(50935)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
M 9:00am-11:00am (PLS 1121) Dis

2202 **(50936)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
M 11:00am-1:00pm (PLS 1121) Dis

2203 **(50937)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
M 1:00pm-3:00pm (PLS 1121) Dis

2204 **(50938)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
Tu 1:00pm-3:00pm (PLS 1121) Dis

2205 **(50939)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
Tu 3:00pm-5:00pm (PLS 1121) Dis

2206 **(50940)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
W 9:00am-11:00am (PLS 1121) Dis

2207 **(50941)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
W 11:00am-1:00pm (PLS 1121) Dis

2208 **(50942)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
W 1:00pm-3:00pm (PLS 1121) Dis

2209 **(50943)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
Th 1:00pm-3:00pm (PLS 1121) Dis

2210 **(50944)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
Th 3:00pm-5:00pm (PLS 1121) Dis

2211 **(50945)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
F 9:00am-11:00am (PLS 1121) Dis

2212 **(50946)** Higgins, W.
MWF 8:00am-8:50am (ZOP 1240)
F 11:00am-1:00pm (PLS 1121) Dis

ZOOL423 Mammalian Physiology Lab; (2) REG/P-F. *Corequisite: ZOOL 422.*

2301 **(50956)** Higgins, W.
M 1:00pm-5:00pm (ZOP 2223)

2302 **(50957)** Higgins, W.
Tu 9:00am-1:00pm (ZOP 2223)

2303 **(50958)** Higgins, W.
Tu 1:00pm-5:00pm (ZOP 2223)

2304 **(50959)** Higgins, W.
W 9:00am-1:00pm (ZOP 2223)

2305 **(50960)** Higgins, W.
W 1:00pm-5:00pm (ZOP 2223)

2306 **(50961)** Higgins, W.
Th 9:00am-1:00pm (ZOP 2223)

2307 **(50962)** Higgins, W.
Th 1:00pm-5:00pm (ZOP 2223)

ZOOL426 General Endocrinology; (3) REG/P-F/AUD. *Prerequisites: ZOOL 241; and CHEM 233; and CHEM 243.* Applies to Biological Sciences Specialization Areas: PHNB (CORE), ZOOL, BGEN and GENB.

0101 **(50972)** Ma, M.
MWF 11:00am-11:50am (PLS 1119)

ZOOL465 Behavioral Ecology; (3) REG/P-F/AUD. *Prerequisites: BIOL 106; and {ZOOL 210 or BIOL 222} or permission of department.* Acceptable toward Biological Sciences specialization areas: EEBB, ZOOL, BGEN, GENB, and BEES.

0101 **(50982)** Borgia, G.
MW 3:00pm-4:15pm (ZOP 1238)
W 4:15pm-5:00pm (ZOP 1238) Dis

ZOOL472 Protozoology; (4) REG/P-F/AUD. *Prerequisite: one year of biology.* Acceptable toward Biological Sciences specialization areas: MARB, ZOOL, PHNB, EEBB, BEES, GENB, and BGEN.

0101 **(50992)** Small, E.
TuTh 1:00pm-2:55pm (ZOP 0283)
TuTh 3:00pm-5:00pm (ZOP 0283) Lab

ZOOL600 Ethics in Scientific Research; (2) REG. *Prerequisite: completion of at least one year of graduate study. For LFSC and PSYC majors only.*

0101 **(51002)** Dooling, R.
Time and room to be arranged

ZOOL608E Zoology Seminar: Topics in Behavioral Ecology, Evolution, and Systematics; (1) REG/AUD.

0101 **(51012)** Abrams, P.
M 12:00pm-1:00pm (ZOP 1208)

ZOOL608Q Zoology Seminar: Protozoology Seminar; (1) REG/AUD.

0101 **(51022)** Small, E.
TBA (ZOP 0283)

ZOOL608V Zoology Seminar: Host-Parasite Interactions as Small Populations; (2) REG/AUD.

0101 **(51023)** Gill, D.
Time and room to be arranged

ZOOL608W *(PermReq)* **Zoology Seminar: Scientific Writing; (2)** REG/AUD.

0101 **(51032)** Pierce, S.
Time and room to be arranged

ZOOL609 Special Problems in Zoology; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL615 Biological Ultrastructure; (3) REG/AUD. *Prerequisite: cell biology or histology, or permission of instructor.*

0101 **(51070)** Goode, M.
TuTh 9:30am-10:45am (ZOP 1234)

ZOOL627 *(PermReq)* **Behavioral Endocrinology; (3)** REG/AUD. *Prerequisite: ZOOL 326 or ZOOL 426.*

0101 **(51080)** Carter-Porges, C.
MW 9:00am-10:15am (ZOP 1238)

ZOOL642 Developmental Genetics; (3) REG/AUD. *Prerequisites: courses in molecular genetics and developmental biology or cell biology or permission of instructor.*

0101 **(51090)** Imberski, R.
TuTh 11:00am-12:15pm (ZOP 1238)

ZOOL670 Concepts in Animal Ecology; (4) REG/AUD. *Prerequisite: a course in ecology (ZOOL 470 or equivalent).* This course meets from 8:30-11:30 then there is a break for lunch and they meet again from 1:30-3:00 p.m.

0101 **(51100)** Gill, D.
Tu 8:30am-11:30am (ZOP 1230)
Tu 1:30pm-3:00pm (ZOP 1230)

ZOOL676 *(PermReq)* **Behavioral Ecology; (4)** REG/AUD. *Prerequisites: a course in ecology and a course in behavior, or permission of instructor.*

0101 **(51110)** Borgia, G.
MW 3:00pm-4:15pm (ZOP 1238)
W 4:15pm-4:45pm (ZOP 1238) Dis

ZOOL708A Advanced Topics in Zoology: Cell Biology; (3) REG/AUD. Pre-requisites: ZOOL 211 and BIOL 222, and CHEM 222, or permission of instructor.

0101 **(51120)** Wolniak, S.
TuTh 8:00am-9:15am (PLS 1140)

ZOOL708D Advanced Topics in Zoology: Developmental Neurobiology; (3) REG/AUD.

0101 **(51130)** Rivas, R.
TuTh 3:30pm-4:45pm (ZOP 1245)

ZOOL708E Advanced Topics in Zoology: The Molecular Basis of Perception; (2) REG/AUD. Prerequisites: a course in cell biology and a course in neurobiology or permission of instructor.

0101 **(51140)** Payne, R.
W 2:30pm-4:30pm (ZOP 1230)

ZOOL708R Advanced Topics in Zoology: Biology of Small Populations; (3) REG/AUD. This course will be taught by Dr. Peter Abrams and Dr. Wolfgang Stephan.

0101 **(51150)** Abrams, P.
MW 10:15am-11:30am (ZOP 2283)

ZOOL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

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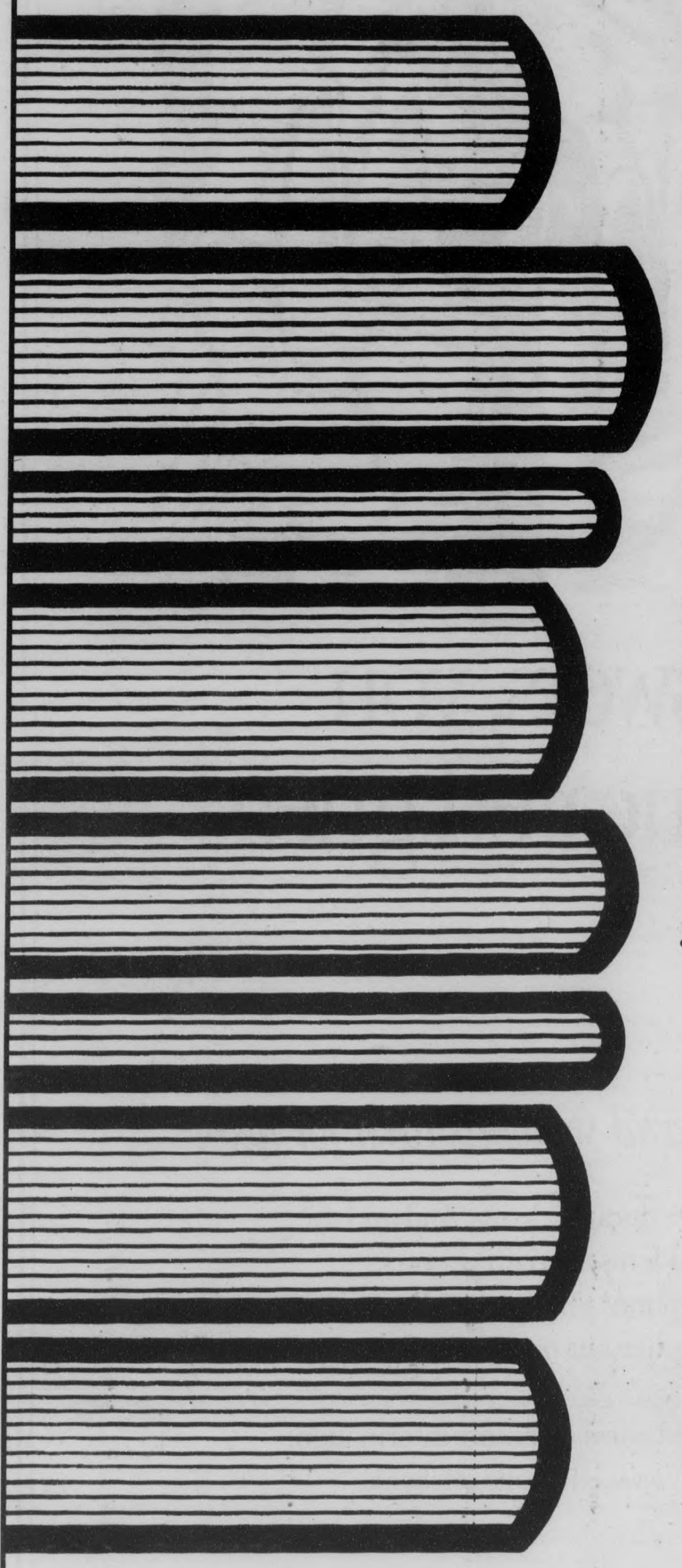

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